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Spring 1928



THE FRANK S. PLATT CO.

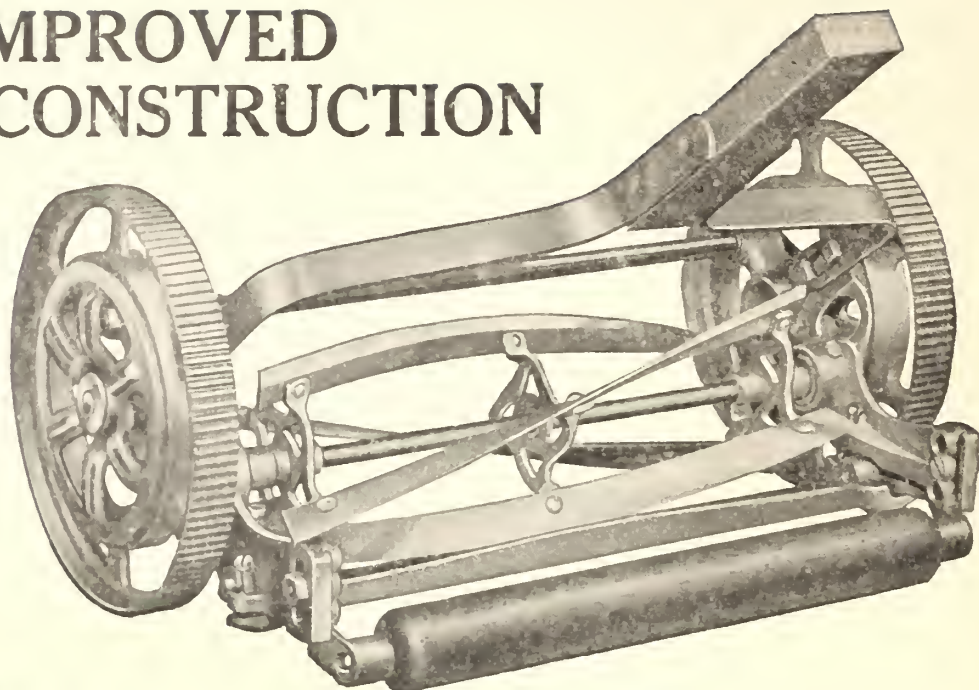
► • SEEDSMEN • ◀

D. N. Shoemaker

NEW HAVEN, CONNECTICUT

MODERN IMPROVED LAWN MOWER CONSTRUCTION

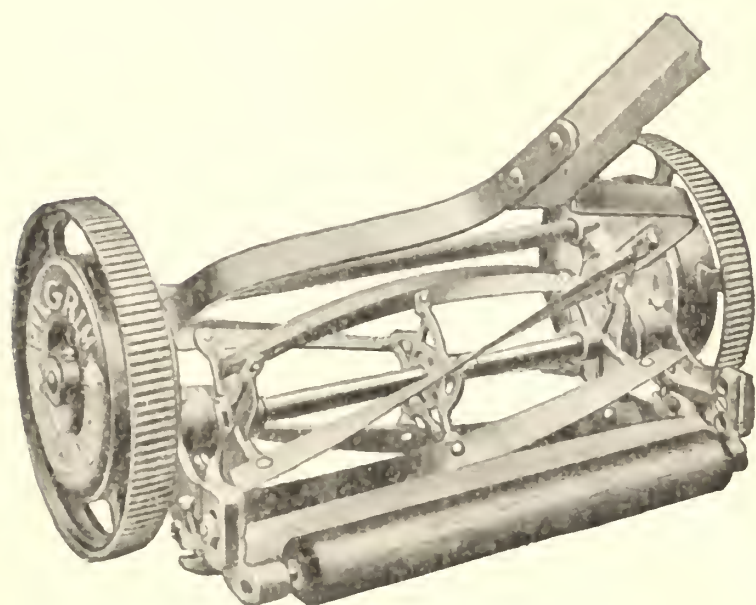
WORKMANSHIP and specifications will be recognized by the experienced that assure a long and useful life of satisfaction. Fafnir automobile quality Ball Bearings, Timkin Tapered and Hyatt Roller Bearings, together with the exclusive Drawcut feature, means true economy. Back of these machines stands a reputation of forty-eight years for making good mowers at fair prices.



AUTOMATIC TEN-FOUR

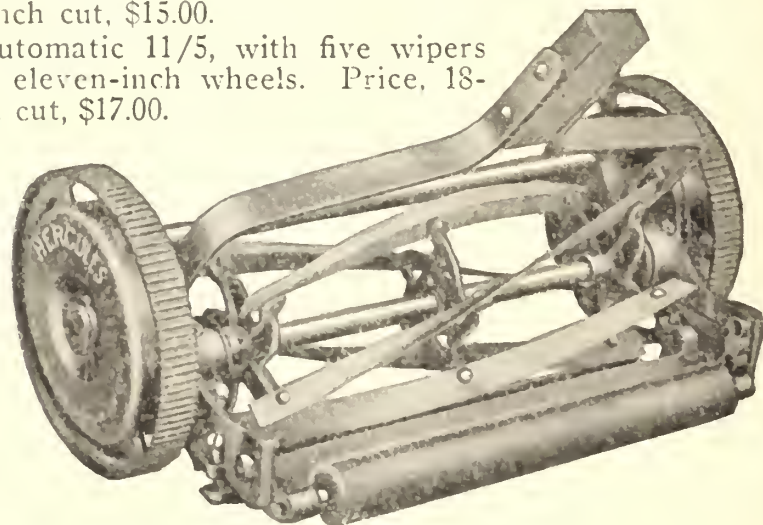
THE AUTOMATIC 10/4 is equipped with Fafnir automobile quality Ball Bearings, automatically adjusted; skeleton frame and wheels; ten-inch traction wheels; four crucible steel drawcut wiper blades; malleable iron cutter heads and gear case covers; crucible steel, lipped edge stationary knife, automatically sharpened; truss knife bar, strong and rigid; mould-fitted adjusting screws, will not loosen; malleable iron roller brackets, will not break. A very high-grade, light-running lawn mower. Price, 18-inch cut, \$15.00.

Automatic 11/5, with five wipers and eleven-inch wheels. Price, 18-inch cut, \$17.00.



THE PILGRIM

THE PILGRIM, for sturdy, smooth operation, has Timkin tapered roller bearing blade cylinder; dust-proof oil cups; eleven-inch traction wheels; five crucible steel drawcut wiper blades; crucible steel lipped edge stationary knife, automatically sharpened; truss knife bar; malleable iron roller brackets and cutter heads. Interchangeable parts throughout; easy to keep in adjustment. Prices: The Pilgrim, 18-inch cut, \$22.00; 20-inch cut, \$23.50.



THE HERCULES

HERCULES. The Mower De Luxe. Hyatt roller bearing traction wheels; steel wheel studs; Timkin roller bearing blade cylinder; dust-proof oil cups; nine-inch traction wheels; five crucible steel drawcut wiper blades; crucible steel, lipped edge stationary knife, automatically sharpened; truss knife bar; malleable iron roller brackets and cutter heads. For those who want the very best. Prices: Hercules, 18-inch cut, \$24.50; 20-inch cut, \$26.00.

OTHER MOWERS SHOWN ON PAGE 71

Yankee Special, 14-inch	\$7.00
Automatic 9/4, 16-inch	11.50
Style E, 16-inch	13.50
Style E, 18-inch	14.50

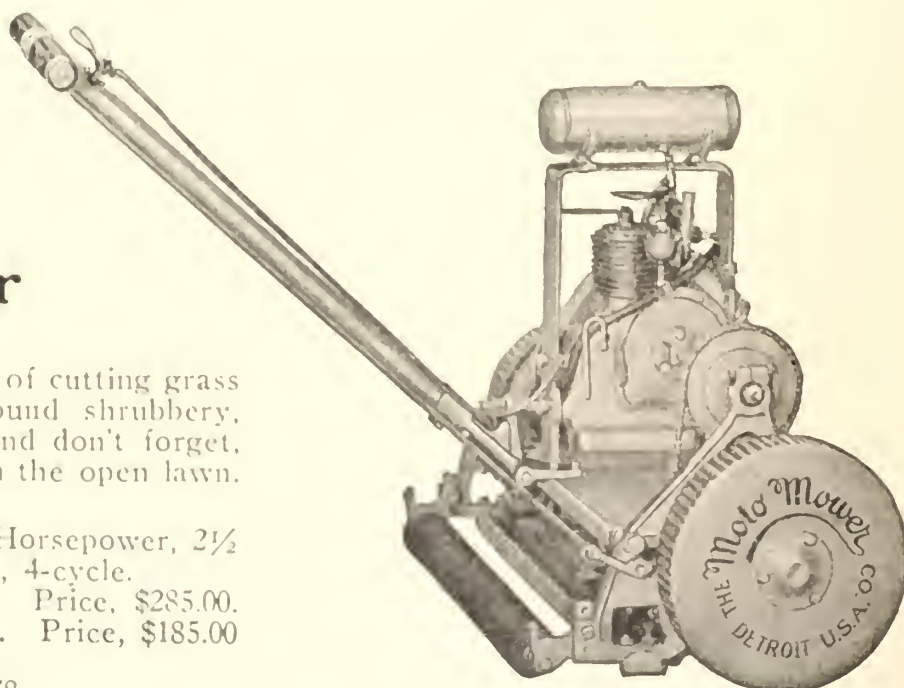
Motor Mower

A Real Grass Cutter

The Moto-Mower has overcome the problem of cutting grass with a power mower on hills, terraces, around shrubbery, flower beds and in the nooks and corners. And don't forget, the Moto-Mower will do a big day's cutting on the open lawn. Send for full information.

Cuts 27 inches wide.	Climbs 35% grade.	Horsepower, 2½
Cutting capacity, 4 to 5 acres.	Motor, 4-cycle.	
Ignition, magneto.	Weight 200 lbs.	Price, \$285.00.
City model, 21-inch cut		Price, \$185.00

LAWN ROLLERS. See page 78.



The Frank S. Platt Co.

Established 1877

1877



1928

*Keep pace with time,
And faith with friends.*

Fifty-one Years

TRY IT! Why not go into partnership with Nature and have a Garden—1928 model? We have admired and heard much about the old-fashioned garden—but the 1928 model car is the one wanted today; new colors, styles and engineering accomplishments have made them better and more enjoyable than ever.

The 1928 garden can and should be the most beautiful, useful and enjoyable garden you ever had. Gardening is enjoying a revival and many who had "War Gardens" and gave them up with the signing of the Armistice are returning to the garden with new enthusiasm, and why not? The products of the 1928 garden can be much more varied and plentiful than in previous generations, for the field of selection is vastly wider.

It is possible for the owner of a small suburban lot to create in his garden beauty which the greatest of artists could not surpass. When it comes to clear thinking, health, vitality, business or social success, it depends on what you eat.

Let Good seeds—PLATT'S Seeds—demonstrate the fact.

We Make a Specialty of GRASS SEED MIXTURES, Including
Edgewood Park Lawn Fine Lawn Shady Lawn Evergreen Lawn
ALSO FOR HAY AND PASTURE

OUR POULTRY SUPPLIES

We are printing the annual list in conjunction with the Seed Catalogue, and pages 80 to 90 offer a comprehensive introductory to this special feature.

The name "PLATCO" applied to our special formulae represents the superlative. In feed it signifies purity, sound, clean, sweet grain. We do not employ adulterants or by-products, screenings, salvaged stock, or musty and damaged matter. **QUALITY** and the **BEST** spells it another way.

SPECIAL NOTICE TO MARKET GARDENERS

We sell to Market Gardeners, Truckers and Farmers' Clubs at special wholesale rates, and solicit your inquiries for close prices on round lots.

SEEDS, ETC., BY PARCEL POST.

The prices in this catalogue do not include postage, except on vegetable and flower seeds by the packet, ounce or quarter-pound and single pound. Larger amounts according to zone rates (see table below). When allowing for postage make allowance for packing, as one pound packed ready to mail weighs more than one pound and counts as two pounds according to postal rules, which state "a fraction of a pound being computed as a full pound." Poisons are not mailable.

Parcel Post Zone Rates Within the United States.	First Pound or Fraction.	Each Additional Pound or Fraction.
First Zone, up to 50 miles from New Haven	\$0.07	\$0.01
Second Zone, up to 150 miles from New Haven .....	.07	.01
Third Zone, up to 300 miles from New Haven .....	.08	.02
Fourth Zone, up to 600 miles from New Haven .....	.09	.04
Fifth Zone, up to 1,000 miles from New Haven .....	.10	.06
Sixth Zone, up to 1,400 miles from New Haven .....	.11	.08
Seventh Zone, up to 1,800 miles from New Haven .....	.13	.10
Eighth Zone, all over 1,800 miles from New Haven .....	.14	.12

EXPRESS SHIPMENTS.

There is a special express rate on seeds of 25 per cent less than the regular rates. Express is more desirable in most cases for packages weighing 20 pounds or more, according to local conditions. Liquids and poisons should be ordered sent by express or freight, as poisons are not mailable.

FREIGHT SHIPMENTS

Should be used when possible on heavy goods. The saving will be considerable. Order early and allow plenty of time.

TERMS CASH WITH ORDER.

Accounts cannot be opened for small amounts. Persons wishing to open accounts must furnish satisfactory references, and allow time for investigation before shipment can be made.

BAGS.

As a rule seeds are best shipped in strong cotton sacks holding up to two and one-half bushels each, and must be charged for at market price; present charge, 35 cents each. Burlap bags, 10c. each, are unsuitable for grass and other fine seeds.

WRITE ADDRESS PLAINLY.

Write your Name, Post-Office and State plainly and in full on every letter. When Express or Freight Office is different from Post Office, advise us of the same.

SEEDS, ETC., BY WEIGHT OR MEASURE.

Quarter-pound and one-quarter bushel will be charged at slight advance above pound and bushel rates—5 pounds at the 10-pound rate; 25 pounds at the 100-pound rate. Prices subject to market and changes without notice.

ABOUT WARRANTING SEEDS.

We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

THE FRANK S. PLATT COMPANY

SEEDSMEN

448 - 452 STATE STREET

::

NEW HAVEN, CONNECTICUT

MERIT LIST

Pedigreed Mary Washington Asparagus.

Large tender green shoots of asparagus, finer and larger than you have ever tasted or seen before; a rust-resistant strain of vigorous growth and great productiveness. Mary Washington certainly deserves prominent mention in our Merit List, for it is the most valuable and distinct improvement ever developed in asparagus, the result of many years' work by Dr. Norton of the United States Department of Agriculture. Much could be said in its favor, but to sum it all up in Dr. Norton's brief words, "you can see the difference." Do not confuse the older sorts, Pedigreed Washington or Martha Washington with the above, as they are far surpassed by the Mary Washington. Our seed was produced under the direct supervision of the originator. Price per pkt., 10c.; per oz., 30c.; per 1/4-lb., 90c.; per lb., \$3.50.

Mary Washington Asparagus Roots.

We have grown a supply of extra strong one-year-old roots from selected Pedigreed Mary Washington seed. By sowing seed at only five pounds to the acre, much larger and stronger roots are produced than under the common practice of sowing fifteen or twenty pounds. Every experienced grower knows heavy one-year-old roots are better than two or three-year-old roots. Start your asparagus bed this year with these Mary Washington roots, and in two years you can begin to cut dividends. Price per 25, 60c.; per 100, \$2.00; per 1,000, \$15.00. Postage extra. Shipping weight, 9 lbs. per 100 roots.

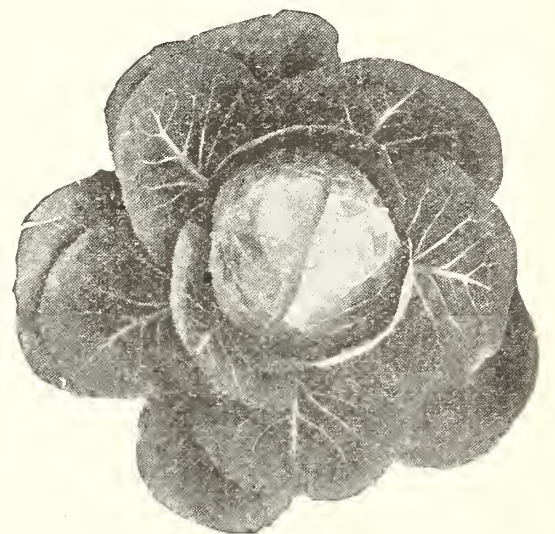
Early Wonder Beet.

Early Wonder is not a new variety, but one of much importance to home gardeners and market growers. The perfect type is an ideal early bunching beet, a flattened globe, very dark color, with small tops. From the extensive use and expressions of satisfaction by critical growers, we know they are pleased with our stock, which is produced by rigid selection and is far superior to that generally to be had. Price per pkt., 10c.; per oz., 15c.; per 1/4-lb., 35c.; per lb., \$1.25.

EARLY WONDER BEET.

Golden Acre Cabbage.

The extreme earliness in Golden Acre Cabbage has been obtained by practically the same care and expense as in the production of high-bred cauliflower seed. The originator states that if seed was raised in the ordinary manner the stock would immediately begin to degenerate and become of no particular merit. To quote his description, "eighty days from time of sowing, head measures 9 inches in diameter, entire plant occupies space of 20 inches, foliage consists of 13 leaves, and height of stalk 1 3/4 inches." In general it is of the Copenhagen Market type. Its earliness is of great value to market gardeners. The past season's trials showed our stock to be exceptionally uniform. In fact, in an entire field, one plant was almost identical to another. Price per pkt., 10c.; per oz., 90c.; per 1/4-lb., \$2.50; per lb., \$9.00.



GOLDEN ACRE CABBAGE.

Copenhagen Market Cabbage.

Because of its importance to both market growers and home gardeners alike, we have given special attention to the selection of our seed for type and uniformity. No claim is made that it is the earliest strain on the market, for where extreme earliness is desired. Golden Acre should be used, but following closely in about ten days, our Copenhagen Market, with its greater size, will produce more pounds and profit than any other variety that can be put on the market at that time. Price per pkt., 10c.; per oz., 35c.; per $\frac{1}{4}$ -lb., 90c.; per lb., \$3.50.



COPENHAGEN MARKET CABBAGE.

Early Snowball Cauliflower.

Much interest has been given recently to the growing of Cauliflower in this and nearby states, formerly not producing sections. Excellent crops have been grown and the importance of seed from finest possible strains shown. Our Snowball Cauliflower has been cited by large growers and agricultural experts alike as being a particularly fine strain, and every precaution will be used to keep up this reputation. For description see page 14. Price per pkt., 25c.; per oz., \$2.50; per $\frac{1}{4}$ -lb., \$7.00; per lb., \$25.00.

Golden Plume Celery.

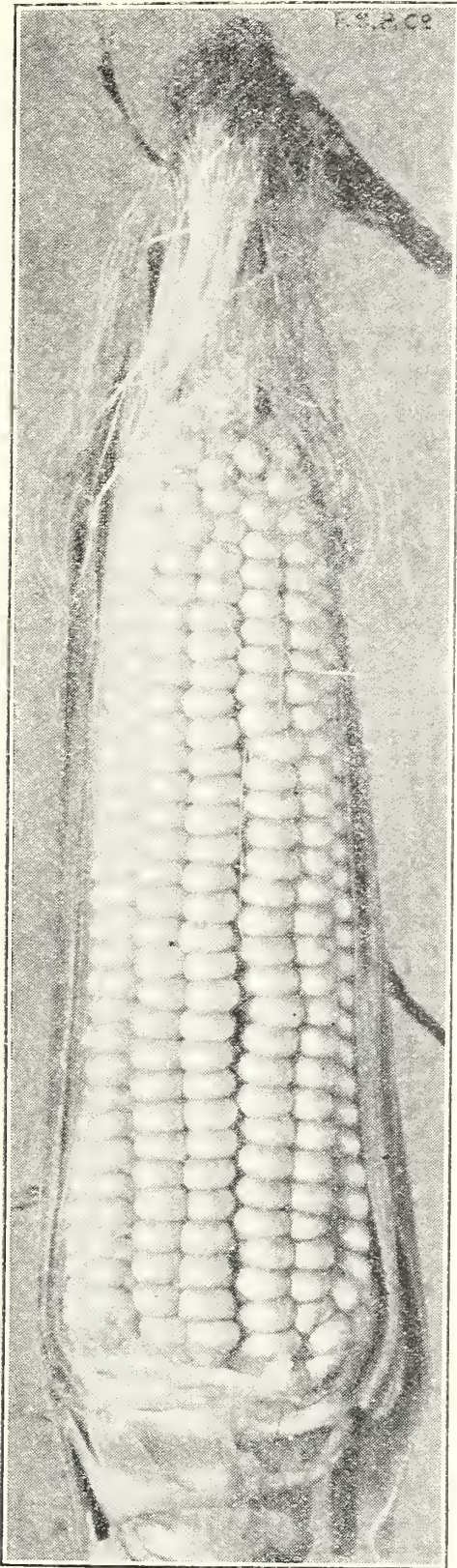
Authorities pronounce this the best Golden Self-Blanching Celery in existence, the result of nearly twenty years' extreme care and selection. Golden Plume has taken first prize at the recent National Vegetable Growers' Convention. Our stock is an extra choice improved strain of "Golden Plume", also called "Wonderful" or "American Golden". It excels all others in combining earliness, size, attractive appearance and table quality. Golden Plume is blight-resistant and free from strings or hollow stalks. Our seed developed from originator's stock, is grown from best and earliest plants. Per pkt., 20c.; per oz., \$2.00; per $\frac{1}{4}$ -lb., \$5.50; per lb., \$20.00.

Easy Blanching Celery.



Growers should realize one very important thing in connection with celery seed which can be produced very cheaply in some sections of the country. The trouble with such seed is that it is liable to produce many soft or hollow stalks. Growing seed from individual plant selections is more costly, but worth much more, as shown by the crops produced by our Easy Blanching Celery seed. The photo shows plants, taken at random, that weighed five pounds each, and many from the same field would weigh considerably more, and not a hollow stalk was found. Each of several nearby customers insisted that he was bringing into New Haven the finest celery in the market. Easy Blanching is about two weeks later than Golden Plume and should be used to follow that variety. Further description on page 15. Price per pkt., 10c.; per oz., 60c.; per $\frac{1}{4}$ -lb., \$1.75; per lb., \$6.00.

IMPROVED HIGH QUALITY STRAINS CELERY.



EARLY SURPRISE.

Early Fortune is the finest type of white spine yet produced. Early, very productive and disease-resistant, fruits 9 inches long by $2\frac{1}{2}$ inches diameter, slightly tapering; flesh white, very firm and crisp, with few seeds; color rich dark green, which does not fade when shipped a long distance. A specimen brought in by a customer in September was still holding its wonderful color and firmness after being two months on display on the counter. We have never seen a finer cucumber. Price per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 40c.; per lb., \$1.50.

Chantenay Carrot.

For Connecticut markets and many other sections, the most extensively outdoor-grown bunching carrot. While classed as a medium early, it is the earliest of its size. The true type, with its bright orange scarlet root, $5\frac{1}{2}$ to 6 inches long, gently tapering, is blunt ended and makes a very attractive appearance in bunches at the market. A one-and-one-half-acre field of our Chantenay was considered by an outside authority to be the finest piece of carrots in the state. We take much satisfaction in being able to offer such seed. Price per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 35c.; per lb., \$1.25.

Early Surprise Sweet Corn.

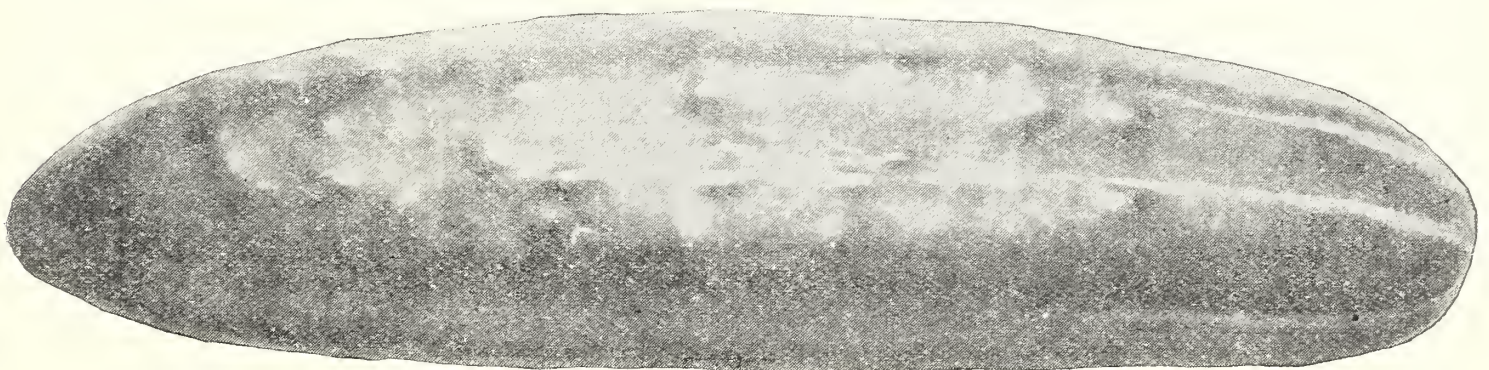
A new extra early. In our estimation, and those who saw it in the trials, a most valuable extra early. Early Surprise was offered last year for the first time. According to trial ground tests, it is even earlier than the Early Dighton or Alpha. Seed planted May 22nd was ready in 69 days. A large, attractive, strictly white ear with twelve rows; stalks 4 to $4\frac{1}{2}$ feet tall. It surely is a winner for the market gardener. Price per pt., 35c.; per qt., 60c.; per 10 lbs., \$3.00; per 100 lbs., \$27.00.

Whipple's Yellow Sweet Corn.

Not just another yellow sweet corn, but one of those good things that happen only once in many years. The well-formed ears, rounded at the tip, are distinct, 7 to 8 inches long, with 12 to 16 rows of deep kernels. Best of all, the quality is equal to the original Golden Bantam, though it is nearly twice the size and just as early. Growers who were fortunate to secure some of the seed when first offered have kept very quiet about its virtues, but our interests are otherwise, and we urge every one to prove for himself. Price per pkt., 10c.; per pt., 30c.; per qt., 50c.; per 10 lbs., \$2.50; per 100 lbs., \$22.00.

Early Fortune Cucumber.

No cucumber we have ever sold has created more widespread favorable remarks and enthusiastic praise. Grown in large quantities, in comparison with other excellent sorts, growers are convinced that our stock of



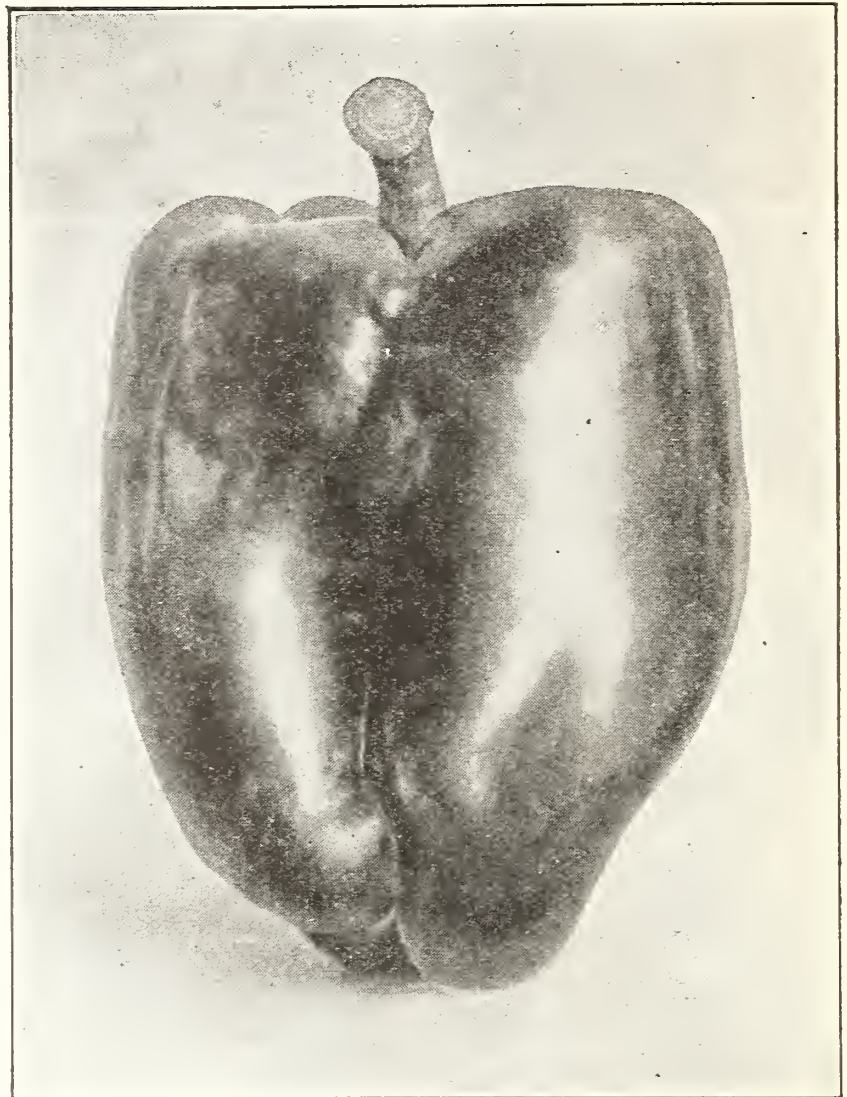
EARLY FORTUNE—FINEST OF ALL CUCUMBERS.

Early Giant Pepper.

A new, valuable, very early pepper; earlier and more productive than any other large fruited variety. The sweet, thick-fleshed fruits average 5 inches long by 3½ inches in diameter. The plant is sturdy and compact, 24 inches tall. It is the greatest development in peppers in many years, and is bound to supersede many of the older varieties, both for home and commercial use. Price per pkt., 10c.; per ¼-lb., \$1.50; per lb., \$5.50.

Platt's Evergreen Lawn Seed.

This is a mixture of heavy re-cleaned seed of the finest quality that we prepare for general situations. It is composed of a judicious combination of the short fine growing grasses that have proved most satisfactory. It is perfectly adapted to the soil and climate of New Haven, as evidenced by the many beautiful lawns and parks that have been produced with "Platt's Evergreen Lawn Mixture" for more than a quarter of a century. Weight, 25 lbs. per bu. Price per pt., 25c.; per qt., 45c.; per ⅛-bu., \$1.50; per ¼-bu., \$2.50; per bu., \$9.00.



EARLY GIANT PEPPER.



A BEAUTIFUL LAWN IN EDGEWOOD PARK. CHILDREN'S OAK IN BACKGROUND.

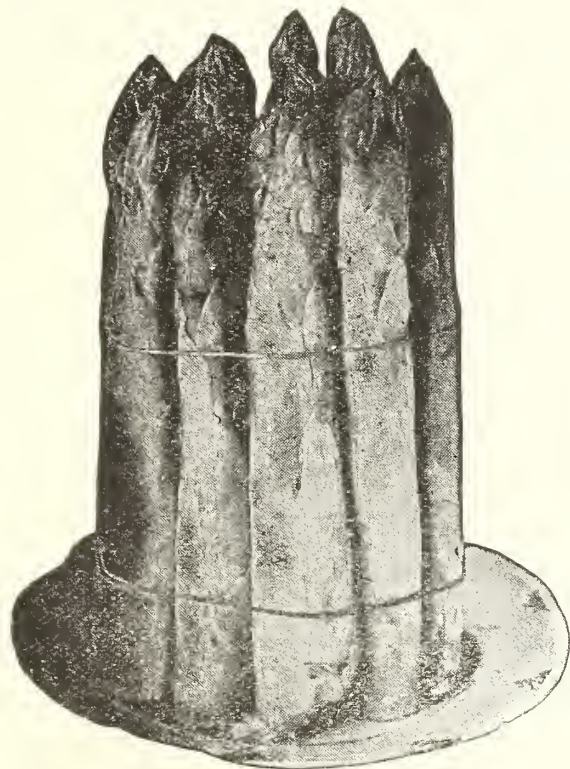
GENERAL LIST OF SELECT VEGETABLE SEEDS

Artichoke.

Artichoke—Cariojo—Alcachofe.

Tuberous Rooted Artichoke. Jerusalem Artichoke. This is quite distinct from the Globe Artichoke, being grown exclusively for its tubers; perfectly hardy. Price per lb., 20c.; per 10 lbs., \$1.75.

Large French Globe (Perennial). The flower heads are the edible portions, and are cooked like asparagus. Sow during February and March and transplant after danger from frost in rows three feet apart, and two feet between the plants. It requires a deep, rich loam, and slight winter protection. Plants not usually productive after third year. Price per pkt., 10c.; per oz., 75c.



ASPARAGUS.

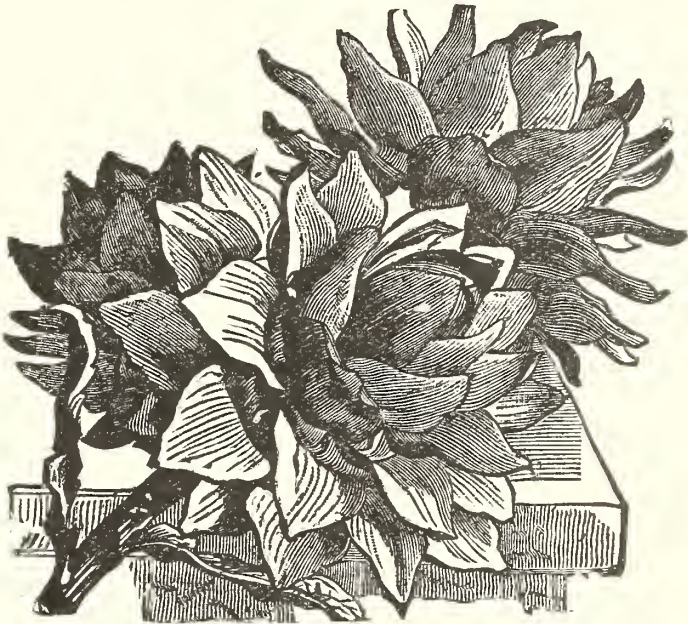
Asparagus Roots.

Strong one-year-old roots are recommended.

Inasmuch as large, well-grown, one-year-old roots are better than two or three-year-old roots, and that genuine, true Mary Washington is unquestionably the best sort in existence, there is no good reason for offering any other. Roots grown from ordinary seed, sown thickly, can be sold at about half our prices, but it does not pay to use such roots. **Mary Washington.** Large one-year-old

	100.	1000.
roots	\$2.00	\$15.00

Shipping weight, 9 lbs. per 100 roots.



GLOBE ARTICHOKE.

Asparagus.

Spergel—Esparrago—Asparago.

Sow early, in drills about one inch deep, and rows about a foot apart. In the fall or succeeding spring the plants may be set out in beds about two feet apart each way, leaving the crown of the root about four inches below the surface. Before winter cover the bed with a dressing of manure.

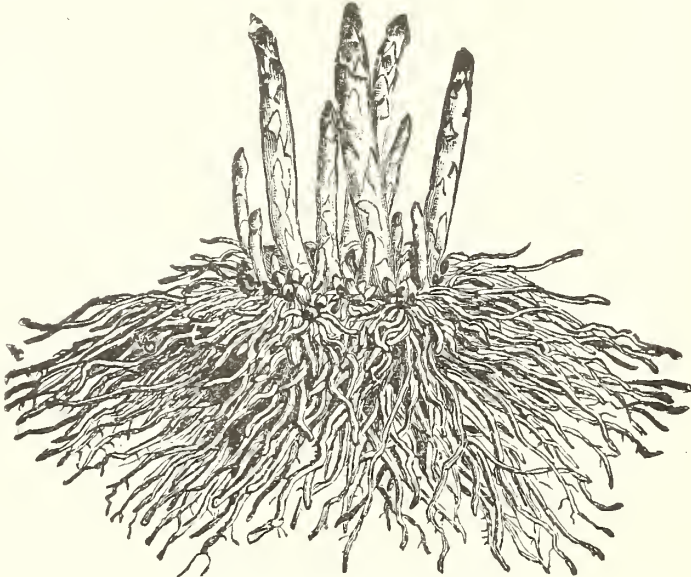
Purchasing roots instead of seeds will save a year in time.

Pedigreed Mary Washington. The newest and finest variety in cultivation. The greatest improvements ever made in asparagus, combines rust-resistance, great size and table qualities, heretofore never approached. Dr. Norton of the U. S. Department of Agriculture developed the rust-resistant Martha Washington and later Mary Washington, which is so much better than any other it remains only to become more generally known, when it will supersede all others. Price per pkt., 10c.; per oz., 30c.; per ¼-lb., 90c.; per lb., \$3.50.

Giant Argenteuil. French origin; very early; purple. Blanches readily. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.

Bonvalettes' Giant. Large, vigorous, early white or pale green. Price per pkt., 10c.; oz., 15c.; ¼-lb., 30c.; lb., \$1.00.

Palmetto. Very early, large and pale green. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 25c.; per lb., 85c.



ASPARAGUS ROOTS.

Bush Beans.

Bohnen—Frigoles—Faggioli.

DWARF OR SNAP.

A succession of sowing can usually be made from the first week in May until August in Connecticut. Plant in drills $1\frac{1}{2}$ to 2 inches deep and from eighteen inches to $2\frac{1}{2}$ feet apart, according to the richness of the soil and method of cultivation. The plants should be about three inches apart. Use about one quart to each 250 feet of drill.

WAX PODDED VARIETIES.

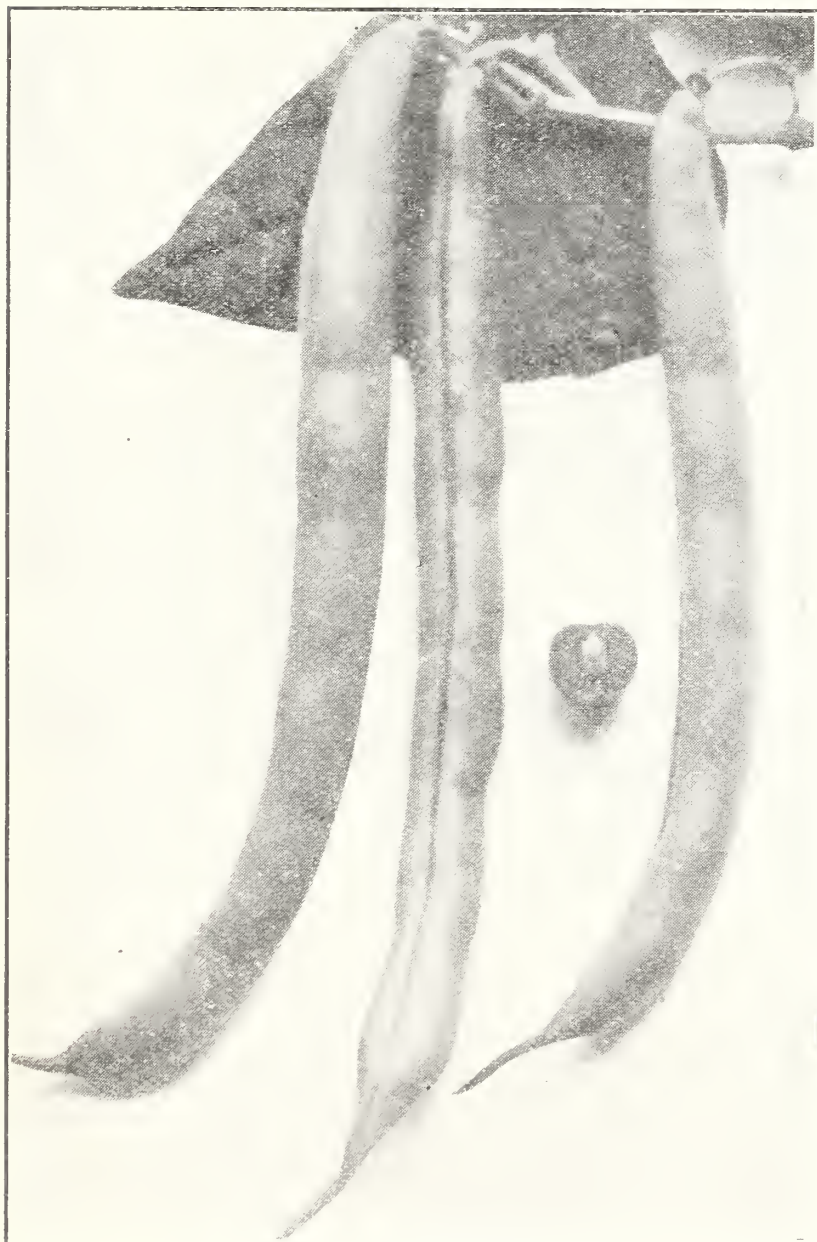
Crackerjack. (Webber Wax). One of the earliest. Stringless wax, bright yellow, semi-round, podded, 6 inches long, hardy, prolific and finest quality; seed yellow. Very popular with truckers about New Haven. Also one of the best for home gardens. Price per pt., 40c.; per qt., 70c.; 10 lbs., \$3.10; 100 lbs., \$28.00.

Currie's Rust Proof. Extra early and hardy. Pods are handsome, $5\frac{1}{2}$ to 6 inches long, flat and straight; very little string, seed black, not such a high quality as Sure Crop, but 3 or 4 days earlier. Price per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Sure Crop Wax. Very desirable, high quality bean. A selection from and superior to Currie's Rust Proof; black-seeded, pods 6 to 7 inches long, flat, fleshy and stringless. Plant hardy, productive, a few days later than Currie's. Price per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.



CRACKERJACK WAX.



FULL MEASURE

A SECOND EARLY GREEN POD OF FINEST QUALITY

Pencil Pod Black Wax. Pods 6 to 7 inches long, straight and very tender. In color a golden yellow; the best quality round-podded, black-seeded wax. Price per pt., 35c.; per qt., 60c.; per 10 lbs., \$2.70; per 100 lbs., \$24.00.

Round Pod Kidney Wax. (Brittle Wax). Early, round podded, 5 to 6 inches long, stringless and of fine quality. Seed white with very little brownish black marking at the eye. Price per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Wardwell's Kidney Wax. Pods attractive, 6 inches long, broad, flat, nearly stringless; medium early. Beans white, mottled with purple. Per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Improved Golden Wax. Thick, straight, broad pods, 4 to $4\frac{1}{2}$ inches long, seed mottled. Price per pt., 35c.; qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Davis White Kidney Wax. Handsome flat pods, 6 to 7 inches long, seed white, very productive; has considerable string and fibre; valued principally as a market gardener's sort, or excellent shell bean. Price per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Hodson Wax. Long, semi-round, straight, light yellow pods, very late, quality fair. Price per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

GREEN PODDED VARIETIES.

Black Valentine. Very hardy and productive. Extra early. Vigorous vine; pods straight and semi-round, not stringless. A large crop can be depended on. Price per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Bountiful. Pods $6\frac{1}{2}$ to 7 inches long, slightly curved, stringless, excellent quality. Seeds bright yellow. Continues to bear over a longer period than most sorts; suitable for home or market. The best second early flat green pod. Per pt., 40c.; per qt., 70c.; 10 lbs., \$3.10; 100 lbs., \$28.00.

Note—Not less than 5 pounds beans sold at the 10-pound rate, or 25 pounds at the 100-pound rate. Postage extra on Beans, Sweet Corn and Peas, except in pkts. Beans and Peas weigh about 2 lbs. per qt.; Sweet Corn $1\frac{1}{2}$ lbs. Add for postage according to zone. (See page 2).

Beans—Continued.

Stringless Green Pod. Very early. The pods are round, five inches long and brittle. Fine quality. Per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Low's Champion. Flat pods, usually five inches long; entirely stringless and very tender. Price per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Full Measure. In our opinion, the highest quality round green podded bean in existence. The pods are absolutely stringless, slightly curved and average 6 inches long. In season it is a second early, being about one week later than Bountiful. Full Measure has a rare combination of extreme tender fleshiness and flavor. Use it for your second early and succession crops. Price per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Refugee Stringless Green Pod. Late, heavy cropping, round pod, fine quality, absolutely stringless, dark seed. Per pt., 35c.; qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Dwarf Horticultural. Large round beans in fine mottled pods; used mostly as an early shell bean. Per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

French Horticultural. An excellent shell bean. Pods 7 to 8 inches long; broad, marked with vivid carmine. Very attractive appearance but stringy and fibrous, thus not adapted as a snap bean. Per pt., 40c.; qt., 70c.; 10 lbs., \$3.30; 100 lbs., \$30.00.

Large White Kidney or Royal Dwarf. One of the best shell beans, green or dried. Price per pt., 30c.; per qt., 55c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

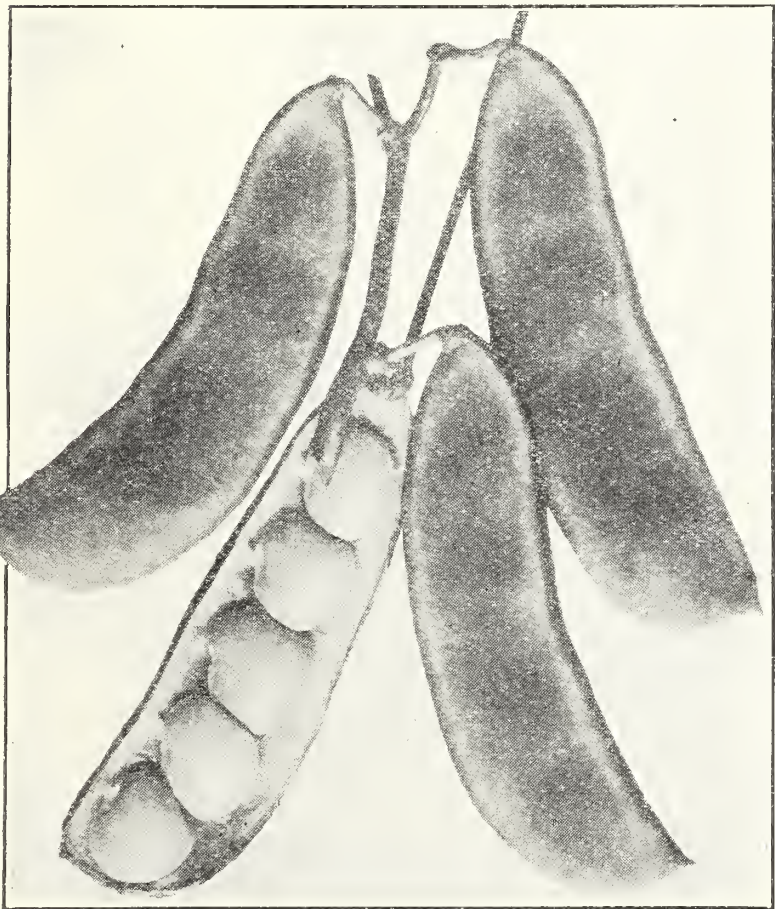
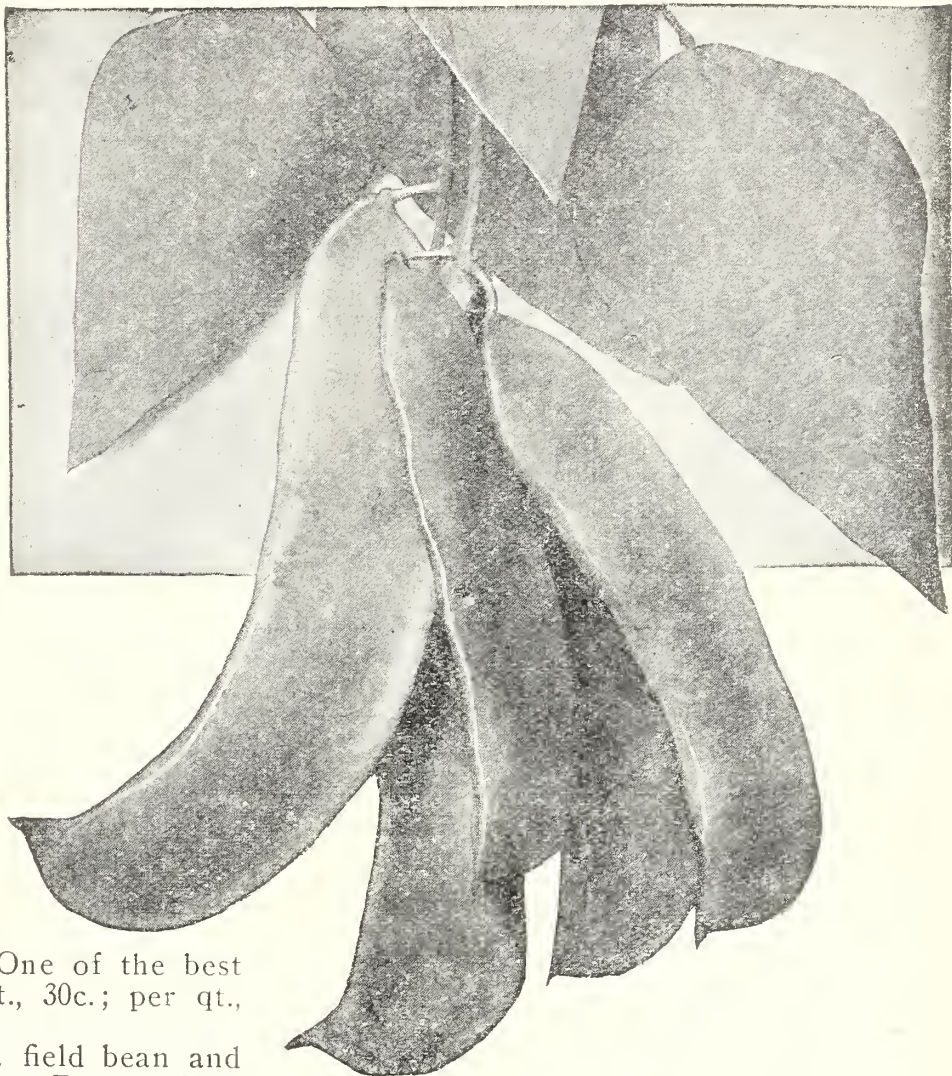
Red Kidney or Chilian. Cultivated as a field bean and used dry; the flavor is distinctly fine quality. Per pt., 30c.; per qt., 55c.; 10 lbs., \$2.40; 100 lbs., \$21.00.

Yellow Eye. Generally grown as a field variety; very productive and superior quality for boiling or baking. Price per pt., 30c.; per qt., 55c.; 10 lbs., \$2.40; 100 lbs., \$21.00.

White Pea or Navy. Boston baking bean. Per pt., 30c.; per qt., 50c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

White Marrow. Best adapted to field culture and sale in dry state. Per pt., 30c.; per qt., 50c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Pkts. any variety Beans 15c. each.



FORDHOOK BUSH LIMA.

ENGLISH OR BROAD.

Broad Windsor. A bush or stump variety; ripens unevenly, thus prolonging the season. Thrives best in good rich, rather damp soil. (Bu., 50 lbs.). Per pkt., 15c.; per pt., 35c.; per qt., 60c.

Dwarf or Bush Lima.

Burpee's Bush Lima. 18 in. to 2 ft. high. Original large-seeded bush lima. Seed flat, 3 to 4 in. pod; 4 to 4½ in. long. Per pt., 35c.; per qt., 60c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

Burpee's Improved Bush Lima. A true bush lima; when fully grown about 24 in. high; pods borne abundantly 5 to 6 in. long by 1¼ wide. Beans larger, much thicker than old type and will outyield it by nearly a third; in season about one week earlier; quality finest. Per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Fordhook Bush. The vigorous upright plants come into bearing early and produce an abundant continuous crop of pods borne in clusters well up from the ground. Pods are from 4 to 5 in. long; thick and heavy, as they are tightly filled with three to five seeds of excellent quality. Type preferred in the market, and Fordhooks are more extensively grown by market gardeners in the East than any other variety. Lima beans were one of our specialties before the first bush lima was introduced, and we take special pride in the quality of our stocks. Price per pkt., 15c.; per pt., 40c.; per qt., 70c.; 10 lbs., \$3.10; 100 lbs., \$28.00.

Henderson's Bush Lima. Small, flat-seeded. It is the earliest of the limas. Price per pt., 35c. per qt., 60c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

Beans—Continued.

Pkts. any variety Pole Beans 15c. each

POLE OR RUNNING.

They succeed best in sandy loam, which should be liberally enriched with thoroughly rotted manure in the hills, which are formed according to the variety, from three to four feet apart.

Platt's King of the Garden Lima. Early and prolific; pods large, 6 to 8 inches long, bearing four to six, sometimes seven beans. Introduced by us in 1883. Now widely known, and continues to be the general favorite pole lima	Pt.	Qt.	10 lbs.	100 lbs.
	35c.	60c.	\$2.50	\$22.00
Early Leviathan. Earliest large pod, containing 5 to 6 white beans	35c.	60c.	2.50	22.00
Carpinteria or Ideal. Long pods containing 4 or 5 green-tinted seeds of finest flavor	35c.	60c.	2.50	22.00
Small Lima or Sieva. A small-seeded early variety, immensely productive, excellent also for dried shell beans; called butter beans in the South	35c.	60c.	2.40	21.00
Scarlet Runner. The beans are very dark; flowers bright scarlet; very ornamental; is also used as a snap of fine quality when young. Plants of strong, quick growth. (Bu., 50 lbs.)	35c.	65c.	2.70	24.00
Dutch Case Knife. Early and prolific, long, flat pods with white seeds; best as a green or dry shell bean	35c.	65c.	2.70	24.00
Lazy Wife. Pods four to five inches in length, rather broad, thick and fleshy, entirely stringless. The dry beans are round and pure white	35c.	60c.	2.50	22.00
London Horticultural or Speckled Cranberry. Pods stringless, striped with red, seeds oval, medium size; suitable for snap or shell	35c.	60c.	2.50	22.00
Kentucky Wonder or Old Homestead. Immensely productive; large green pods, 8 to 9 inches long, round, fleshy, finest quality, stringless until nearly mature; one of the best green podded pole snaps; seeds light brown	35c.	60c.	2.50	22.00
Burger's Green Pod. White-seeded Kentucky Wonder	35c.	65c.	2.70	24.00
Early Golden Cluster. Pods from six to eight inches long; attractive, straight, fleshy, flat and stringless, golden yellow, seeds white	35c.	65c.	2.70	24.00
French Yard Long. Curious slender green pods, two to three feet long; requires long season. Per pkt., 15c.				

Beets.

Pkt. any variety Beet 10c. each

Runkle Rube—Remolecha—Bietoli.

The beet is used in all stages of its growth. All the varieties succeed best on a deep, rich, sandy loam, and require to be thinned when small and kept free from weeds. For early beets sow as soon as the ground will admit, in drills fourteen inches apart, and thin to four inches distant. For winter use sow in May or June.

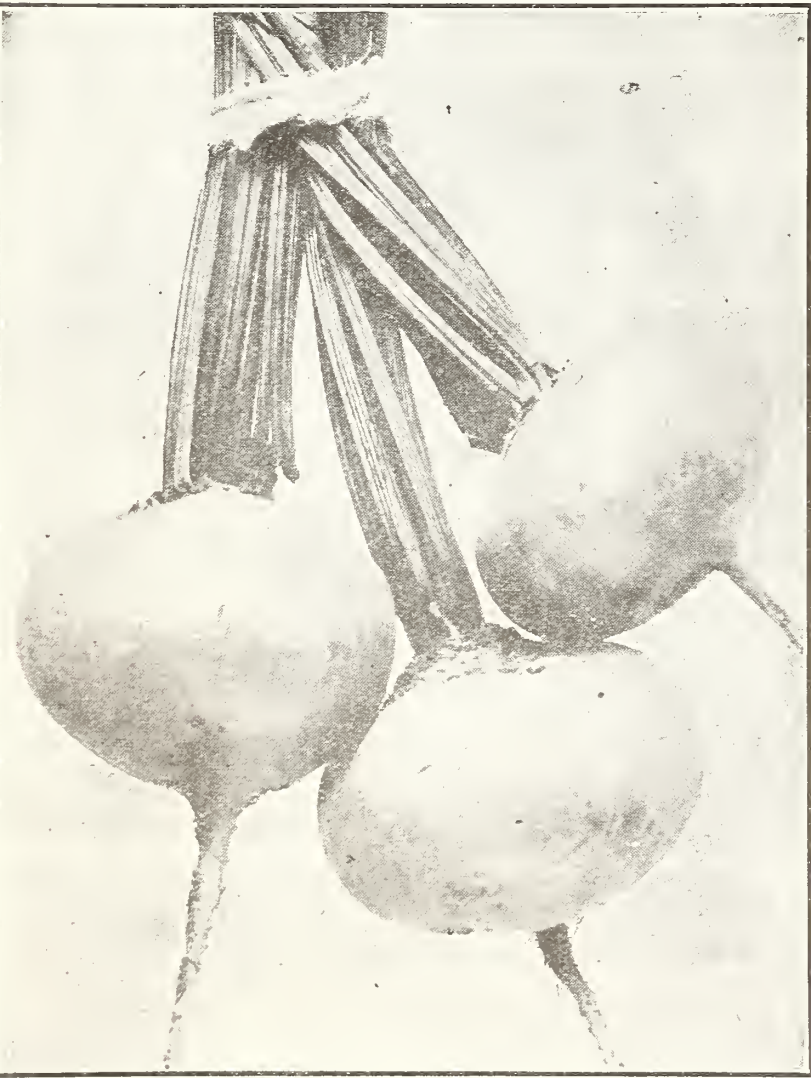
Extra Early Flat Egyptian.

The earliest beet in cultivation; for forcing or transplanting; flat, tender when young; very dark red; small tops; a market sort. Crosby's and Early Wonder are of better table quality.....

	Oz.	¼-lb.	Lb.
	15c.	25c.	\$.85
Crosby's Egyptian. An improved type of the Egyptian Beet. A flattened globe in shape, deep red; fine quality early sort, for home or market bunching	15c.	30c.	1.00

Early Wonder. A select strain of the Crosby type; only a few days later than the Extra Early Egyptian. Our stock has been persistently selected for the qualities sought by market gardeners; a flattened globe in shape, dark red color, earliness and uniformity, tops small; an ideal bunching variety

	15c.	35c.	1.25
Crimson Globe. The flesh is fine grained, dark crimson, with skin of lighter shade..	15c.	30c.	1.00



EARLY WONDER BEET.

Detroit Dark Red. Tops small; roots ovoid and smooth; color dark blood red; best for main crop, remaining tender longer than the early sorts	15c.	30c.	1.00
Eclipse. Early; dark red, small tops, almost spherical	15c.	25c.	.85
Edmand's Blood Turnip. Deep blood skin, and very dark flesh; excellent keeper...	15c.	25c.	.85
Early Blood Turnip. A good variety for general use	15c.	25c.	.85
Early Bassano. Flesh circled with bright red and white, flat, large tops adapted for use as greens	15c.	25c.	.85

Beets—Continued.

Dewing's Early Blood Turnip. Deep blood red; good for summer, autumn or winter. Per oz., 15c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 85c.

Early Yellow Turnip. Flesh yellow. Per oz., 15c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 85c.

Half Long Blood. Late variety and finest quality for winter use; smooth skin; flesh dark red, sweet and exceptionally tender. Per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Swiss Chard or Spinach Beet.

This variety is cultivated for its leaves. The mid-rib is boiled and served like asparagus, and the other portions of the leaves are used as spinach. When wanted, cut close down to the ground without injury to the crown, and new leaves will grow.

Swiss Chard or Silver. This is the smooth-leaved variety. Per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Swiss Chard and Giant Lucullus. Large leaf, much crumpled stalks and foliage heavy. Price per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Beets--Mangel Wurtzel.**For Feeding Stock.**

Red Globe. A large, round, red-skinned variety. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

Mammoth Long Red. Grows to an enormous size, producing 30 to 40 tons per acre of valuable food for stock; roots grow well above ground, therefore easy to harvest. Per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

Giant Sludstrup. An orange yellow sort, ovoid in shape, not the largest in bulk yield, but excels in amount of dry matter per acre yield. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

Golden Tankard. Half long, nearly uniform diameter from top to bottom. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

Sugar Beets.

White French Sugar. For feeding or beet sugar, making one of the richest in sugar content. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

Lane's Improved Imperial Sugar. An American selection from the French Sugar Beet. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

Klein Wauzeleben Sugar. Long, medium size; color, rosy orange; very sweet. Price per oz., 10c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

Broccoli.

Spargel Kohl—Brocoli—Broccoli.

Broccoli is closely allied to cauliflower; succeeds only under cool, damp conditions. Sow thinly in seed beds about the middle of spring, transplant and cultivate according to directions for winter cabbage.

Early White Cape. The heads when full grown are large, white and compact. Price per pkt., 10c.; per oz., 60c.; per $\frac{1}{4}$ -lb., \$1.75.

Early Green Calabrese. Entirely distinct from the above sorts. Cultivated for its green bud clusters and tender terminal leaves. The main stalk cluster when cut encourages many side sprouts with smaller clusters. Price per pkt., 10c.; per oz., 75c.; per lb., \$7.00.

Brussels Sprouts.

Sprosen Kohl—Berza de Brussels—Brocoli di Carolo.

The plants grow two or three feet high, and produce from the sides of the stalk numerous little sprouts one or two inches in diameter, resembling cabbages. The leaves look like the Savoy, and should be broken down in the fall, to give the little cabbages more room to grow.

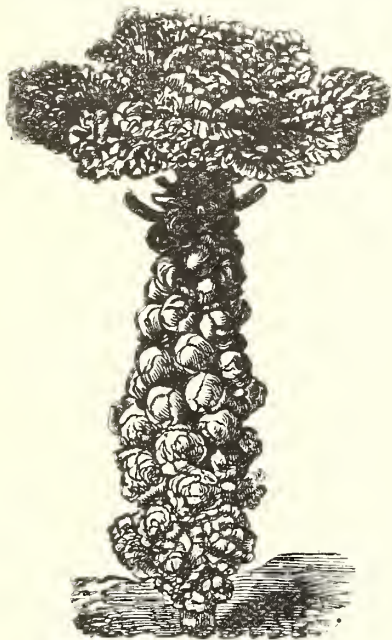
Dalkeith. Dwarf, compact, producing large sprouts. Price per pkt., 10c.; per oz., 20c.; per $\frac{1}{4}$ -lb., 60c.; per lb., \$2.00.



SWISS CHARD LUCULLUS



MAMMOTH LONG RED
MANGEL.



BRUSSELS SPROUTS.

Cabbage.

Kopj Kohl—Berza de Repollo—Cappucie.

The Cabbage requires a deep, rich soil and thorough working. For early use the plants should be started in a hotbed or cold frame; but seed for winter cabbage should be sown in a seed bed for Connecticut the last of May and transplanted when 4 to 6 inches high. Some of the large late varieties seem to do well if the seed is sown in the hills where they are to remain, and in that case sow two or three seeds where each plant is desired, and then pull up all but the strongest. Plant the large varieties three feet apart; the small, early sorts from a foot to eighteen inches. The Savoy cabbages have crumpled leaves, and are of fine flavor, especially after a little frost has touched them in the autumn.

Golden Acre Cabbage. Earliest round head. See full description on page 3. Price per pkt., 10c.; per oz., 90c.; per $\frac{1}{4}$ -lb., \$2.50; lb., \$9.00.

Copenhagen Market. (See Merit List). Exceptionally hard and solid, round heads; average eight pounds each, of fine quality, few outer leaves, small core and nearly as early as Jersey Wakefield, with greater yield, also desirable for fall and early winter use. Our seed is grown for us in Denmark, where the finest stocks of Copenhagen Market Cabbage are produced. Price per pkt., 10c.; per oz., 35c.; $\frac{1}{4}$ -lb., 90c.; lb., \$3.50.

Early Jersey Wakefield. Heads very solid, pyramidal, blunted at the top. The best and most popular early pointed head. Our stock is especially bred for earliness and uniformity. Price per pkt., 10c.; per oz., 30c.; per $\frac{1}{4}$ -lb., 85c.; per lb., \$3.00.

Charleston or Large Wakefield. Similar to Early Jersey Wakefield, but larger and a little later. Price per pkt., 10c.; per oz., 35c.; per $\frac{1}{4}$ -lb., 90c.; per lb., \$3.50.

All Head Early. A large, flat, early summer variety of fine quality, good keeper if sown late. Price per pkt., 10c.; per oz., 30c.; per $\frac{1}{4}$ -lb., 85c.; per lb., \$3.00.

All Seasons. The heads of this cabbage are large and thick through, a desirable sort for kraut. Price per pkt., 10c.; per oz., 25c.; per $\frac{1}{4}$ -lb., 75c.; per lb., \$2.50.

Glory of Enkhuizen. An excellent, second early, two weeks later than Copenhagen Market. The large, round, solid, very uniform head, with short stem and few outer leaves, allows close planting. It is a good cropper and adapted not only as a second early but for fall and early winter use. Price per pkt., 10c.; per oz., 30c.; per $\frac{1}{4}$ -lb., 85c.; per lb., \$3.00.

Early Summer. Medium early, good size, of the Drumhead order. Price per pkt., 10c.; per oz., 25c.; per $\frac{1}{4}$ -lb., 75c.; per lb., \$2.50.

Surehead. Large, thick, flattened heads of flat Dutch type. Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ -lb., 85c.; lb., \$3.00.

Succession. A large, second early drumhead, sure heading sort for summer and fall use. Price per pkt., 10c.; per oz., 30c.; per $\frac{1}{4}$ -lb., 85c.; per lb., \$3.00.

Danish Ball Head. Medium stem. (Fine Danish-grown seed). Round, hard-headed. Late, the longest keeper and finest quality. Seed should be sown two weeks earlier than for Flat Dutch or most other late. Per pkt., 10c.; per oz., 30c.; per $\frac{1}{4}$ -lb., 85c.; per lb., \$3.00.

Premium Flat Dutch. Heads large, solid. A standard variety. Per pkt., 10c.; per oz., 25c.; per $\frac{1}{4}$ -lb., 75c.; per lb., \$2.50.

SAVOY, OR CURLING VARIETIES.

Perfection Drumhead Savoy. Reliable, large round, late heading, densely crumpled. The Savoy Cabbage is richer quality, and should be more extensively grown. Takes about same time to make crop as the Danish Ball Head. Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ -lb., 85c.; lb., 3.00.

RED VARIETIES.

Mammoth Rock Red. Heads large, round and thick; very dark from surface to center. Sow seed same time as for Ball Head. Per pkt., 10c.; per oz., 35c.; per $\frac{1}{4}$ -lb., 90c.; per lb., \$3.50.

CHINESE CABBAGE.

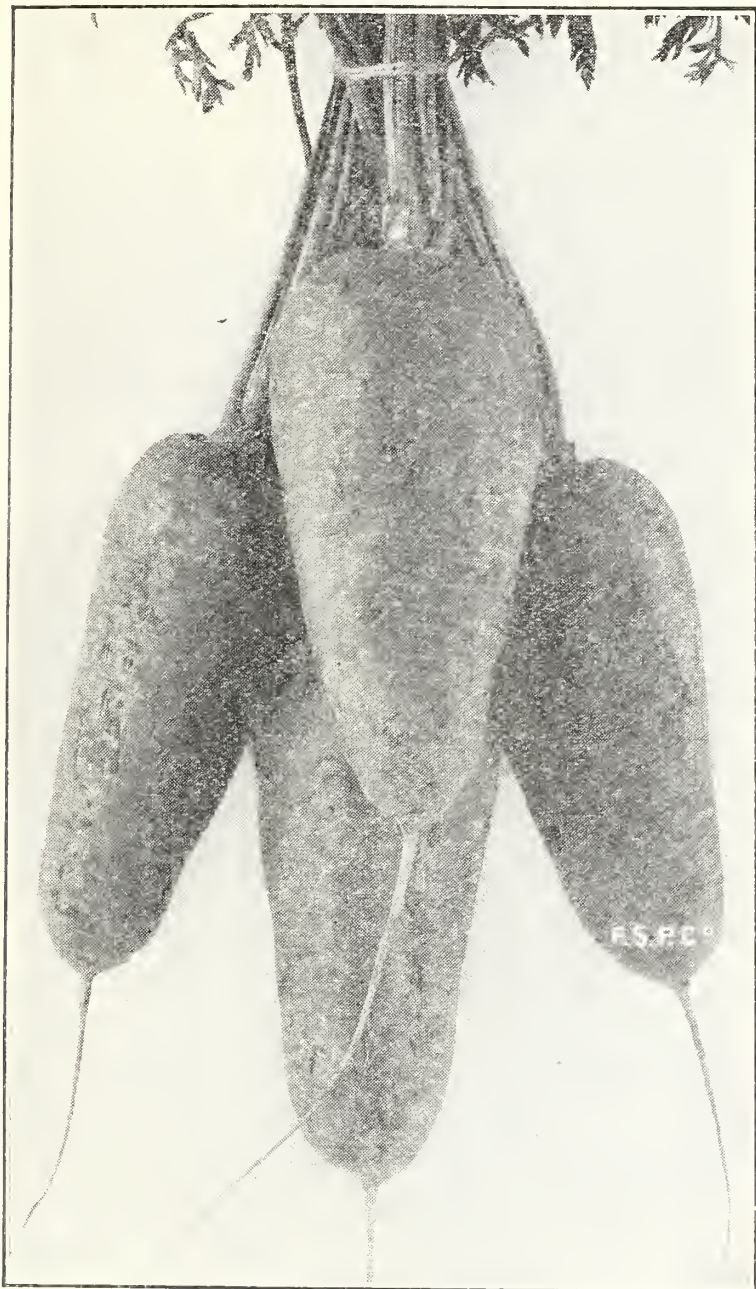
Pe Tsai. Sometimes called Chinese celery cabbage, though resembling more nearly the Cos Lettuce; used as a salad or cooked as cabbage. Sow seed about July 1 in this latitude, as if sown early it runs to seed. Transplant to 12 inches apart in the row. Per pkt., 10c.; per oz., 35c.; per $\frac{1}{4}$ -lb., 90c.; per lb., \$3.50.



EARLY JERSEY WAKEFIELD.



COPENHAGEN MARKET CABBAGE.



CHANTENAY CARROT

Carrots.

Mochre—Zanahoria—Carote.

The carrot, like other root crops, delights in a sandy loam, deeply tilled. For early crops sow in the spring, as soon as the ground is in good working order; for late crops they may be sown any time until the middle of June. Sow in rows about fifteen inches apart.

French Forcing. The earliest, small, almost round, two inches long, fine flavor and color. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Early Scarlet Horn. An early summer variety; color deep orange; roots grow about three inches long. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Nantes. Stump rooted, early, almost cylindrical, about six inches long by 1½ inches diameter. Flesh is deep orange, very tender and sweet, of finest quality. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Guerande or Oxheart. Very large at the top, three to five inches long and terminating abruptly. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Chantenay or Model. An excellent and popular, quick-growing carrot of fine table quality. The roots average 2½ inches diameter by 6 inches long; have a slight shoulder, taper gently to near the tip, then terminate abruptly into a fine small root. The flesh is deep orange, crisp and tender. Roots are suitable for use almost as

early as the very small sorts. Chantenay is most extensively used for bunching, but if allowed to develop fully yields a heavy crop. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Danvers Half-Long. The best known second early or main crop variety, popular with our trade, both private and market. Roots are bright orange scarlet, seven to eight inches long, tapering gently, stump or semi-pointed. A heavy yielder and good keeper, of fine quality for winter use. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.

Long Orange Improved. Large size, tapering to a point of deep orange color, and adapted to garden or field culture. A valuable food for stock. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.

White Giant, Green Top. Used for feeding stock; one of the best because of its enormous productiveness. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 30c.; per lb., 90c.

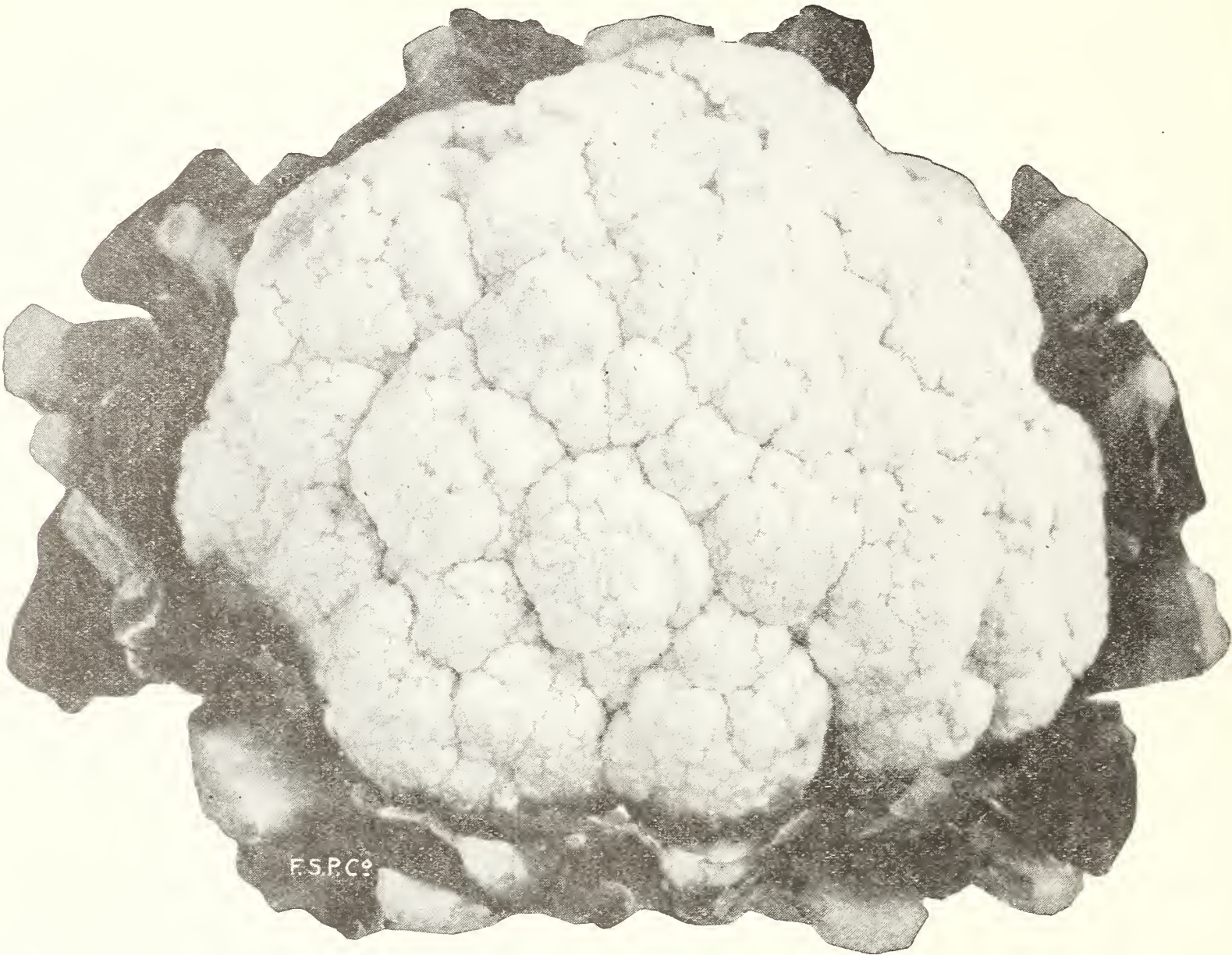
Cardoon.

Kardon—Cardo—Cardone.

Cardoon is grown for the midrib of the leaf, and requires to be blanched in the same manner as celery. Sow early in the spring, where the plants are to remain, in drills about three feet apart, an inch and a half deep, and thin out the young plants to a foot apart in drills.

Large Spanish. Price per pkt. 10c.; per oz., 30c.; per lb., \$3.00.

Carrots are an All Season vegetable. It is carrot planting time from March until July. The young carrot is now a regular member of the menu all over the country, an all season vegetable, and it is never so good, so tender, so well-flavored, as when freshly pulled. Baby carrots take up little space and plantings at intervals will keep a supply all season.



SNOWBALL CAULIFLOWER.

Cauliflower.

Blumen Kohl—Coliflor—Cavolfiore

Should be sown according to instructions for cabbage. It will thrive best in cool, moist situations.

Early Snowball. The finest early variety and more generally grown than any other; handsome, almost snow-white. Heads medium size, firm and well formed. Plant is compact, short-stemmed, with few short upright leaves. Keen competition among growers has produced several excellent strains, some of which are offered on the market under various names. However, careful comparisons on Long Island, in Connecticut and New York State show our strain to be a stock of superior quality and well suited to this territory. Price per pkt., 25c.; per oz., \$2.50; per ¼-lb., \$7.00; per lb., \$25.00.

Early Dwarf Erfurt. An excellent stock of the Snowball type, though not so early. Price per pkt., 20c.; per oz., \$2.00; per ¼-lb., \$6.00; per lb., \$22.00.

Danish Giant. (Dry Weather). It is well known that a constant moisture supply in the soil is necessary to a successful Cauliflower crop. It has been found, however, that Danish Giant will stand more unfavorable conditions in this respect than either Snowball or Erfurt. It is about two weeks later and fully twenty per cent larger heading, produced on a much larger plant. The head is pure white and of fine quality. Price per pkt., 25c.; per oz., \$2.50; per oz., \$2.50; per ¼-lb., \$8.00; per lb., \$27.00.

Celeriac or Turnip-Rooted Celery.

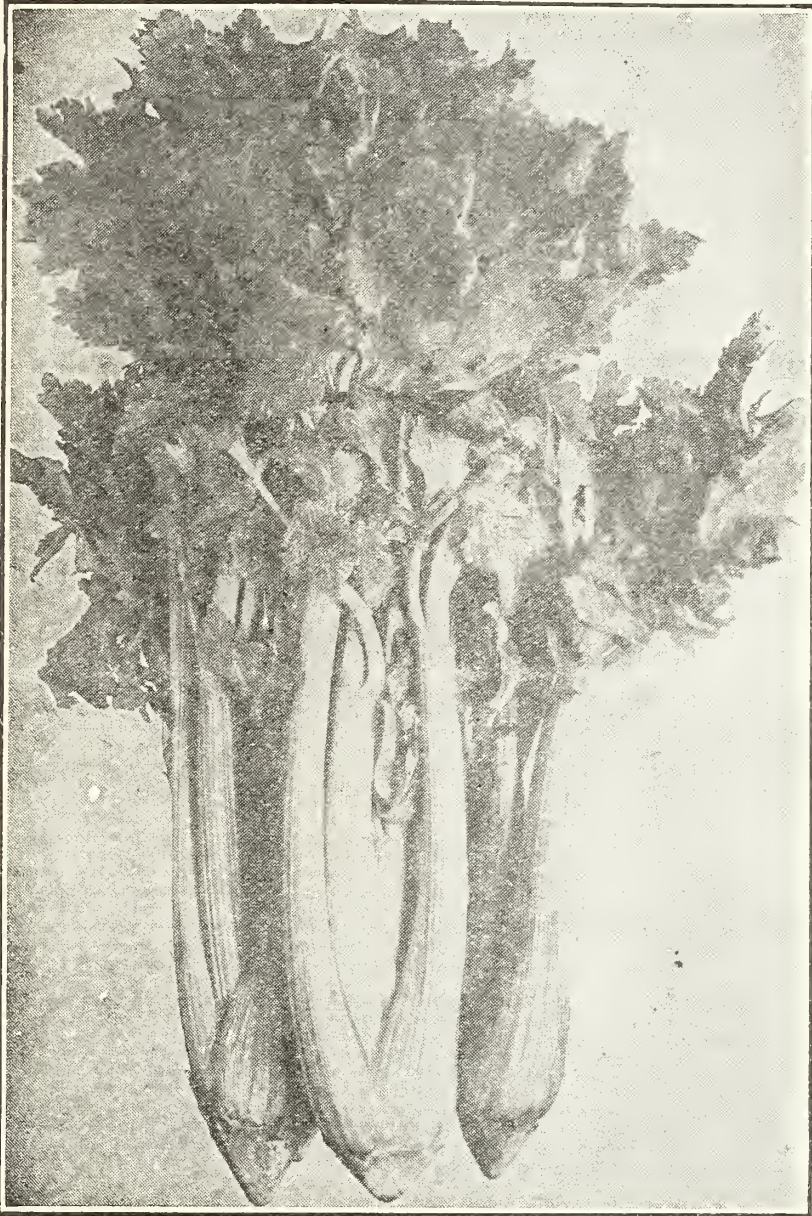
A variety of celery, having turnip-shaped roots which may be cooked, or sliced and used with vinegar, making a most excellent salad. It is more hardy, and may be treated in the same manner as celery.

	Pkt.	Oz.	Lb.
Turnip-Rooted. Turnip-shaped, sweet and well flavored	10c.	20c.	\$2.00
Large Prague. Nearly round, smooth and good quality	10c.	20c.	2.00

Celery.

Seleri—Apios—Sedanio Acci.

Sow seeds in hotbed or very early in open ground (it is slow to germinate, and should be kept moist). Sow in straight rows for convenience in weeding when plants are small. When five or six inches high thin out or transplant to five inches apart. Celery requires very rich soil and plenty of water.



EASY BLANCHING.

Plants may be set from May to the middle of August. Large growers set the crop level with the surface, having previously plowed in all the manure possible, and setting in rows three to four feet apart and five or six inches in the row.

White Plume. Very early; blanching easily, the leaves to an attractive greenish white, the stalks nearly white; quality fair. Price per pkt., 10c.; per oz., 35c.; per ¼-lb., 85c.; per lb., \$3.00.

Golden Self-Blanching. Original strain. French-grown seed. For many years the leading early golden yellow celery. Dwarf compact habit, numerous stalks, large solid heart blanching easily. Our seed is grown by the originator. Per pkt., 10c.; per oz., \$1.00; per ¼-lb., \$2.75; per lb., \$10.00.

Easy Blanching. A very select strain of this valuable early green celery. The plants are from 20 to 24 inches tall, uniform in size, full hearted, crisp, rich in flavor, maturing early, blanching in ten days to two weeks; a light golden yellow, free from pithy stalks and keeping well until the holidays. The seed offered is a very select strain. Price per pkt., 10c.; per oz., 60c.; per ¼-lb., \$1.75; per lb., \$6.00.

Golden Plume. Authorities pronounce this the best golden self-blanching celery in existence; the result of nearly twenty years' extreme care and selection. This variety took first prize at the recent National Vegetable Growers' Convention. Our stock is an extra choice improved strain of "Golden Plume," also called "Wonderful" and "American Golden." It excels all other self-blanching sorts in earliness, size, attractive appearance and table quality. Golden Plume is blight-resistant, and free from strings or hollow stalks. Our seed, developed from originator's stock, is grown from best and earliest plants. Price per pkt., 20c.; oz., \$2.00; ¼-lb., \$5.50; lb., \$20.00.

Emperor. A late, excellent keeping variety of outstanding merit. Plants stocky, 15 to 18 inches tall, and therefore easily handled. Foliage dark green; stalks white, thick and crisp, without strings. Flavor is unsurpassed. Price per pkt., 10c.; per oz., 50c.; per ¼-lb., \$1.35; per lb., \$5.00.

Giant Pascal. Stocky, vigorous plants, dark green foliage, stalks solid and after blanching a rich golden yellow; crisp and tender. A standard of fine quality and flavor for late winter use. Price per pkt., 10c.; per oz., 30c.; per lb., \$3.00.

Winter Queen. Medium height, thick, light green, solid stalks, with a large heart crisp, blanches well. Price per pkt., 10c.; per oz., 35c.; per lb., \$2.50.

Celery Seed. For flavoring. Old Seed. Price per oz., 10c.; per lb., 75c.; per 100 lbs., \$65.00.

Chervil.

Gartenkerbel—Perifollo—Cerfaghio.

Cultivated and used like parsley. The young leaves are used for flavoring. For summer use sow in March, and in July for winter.

Curled. Price per pkt., 10c.; oz., 20c.; lb., \$2.00.

Chives.

Schnittlauch—Cipollette.

Chives are perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used whenever the flavor of onion is required. Planted in small clumps in any common garden soil, they will grow rapidly, and in time increase so as to render a division necessary. The tops appear very early in spring, and can be cut throughout the season.

Roots only, per bunch, 15c. Postage extra, ½-lb. each.

Chicory.

Cichorten—Cicorea.

The roots of this vegetable are much used as a substitute for coffee. The young leaves are also used for salad.

Large Rooted or Coffee. Per pkt., 10c.; oz., 15c.; lb., \$1.50.

Chufas or Earth Almond.

Resemble in sweetness and flavor a cocoanut. Very prolific, a single one yielding from one to two hundred. Plant 1 ft. to 18 in. apart.

Chufas. Price per oz., 10c.; per lb., 50c.

Collards or Coleworts.

Blatterkohl—Cabu—Cavoli.

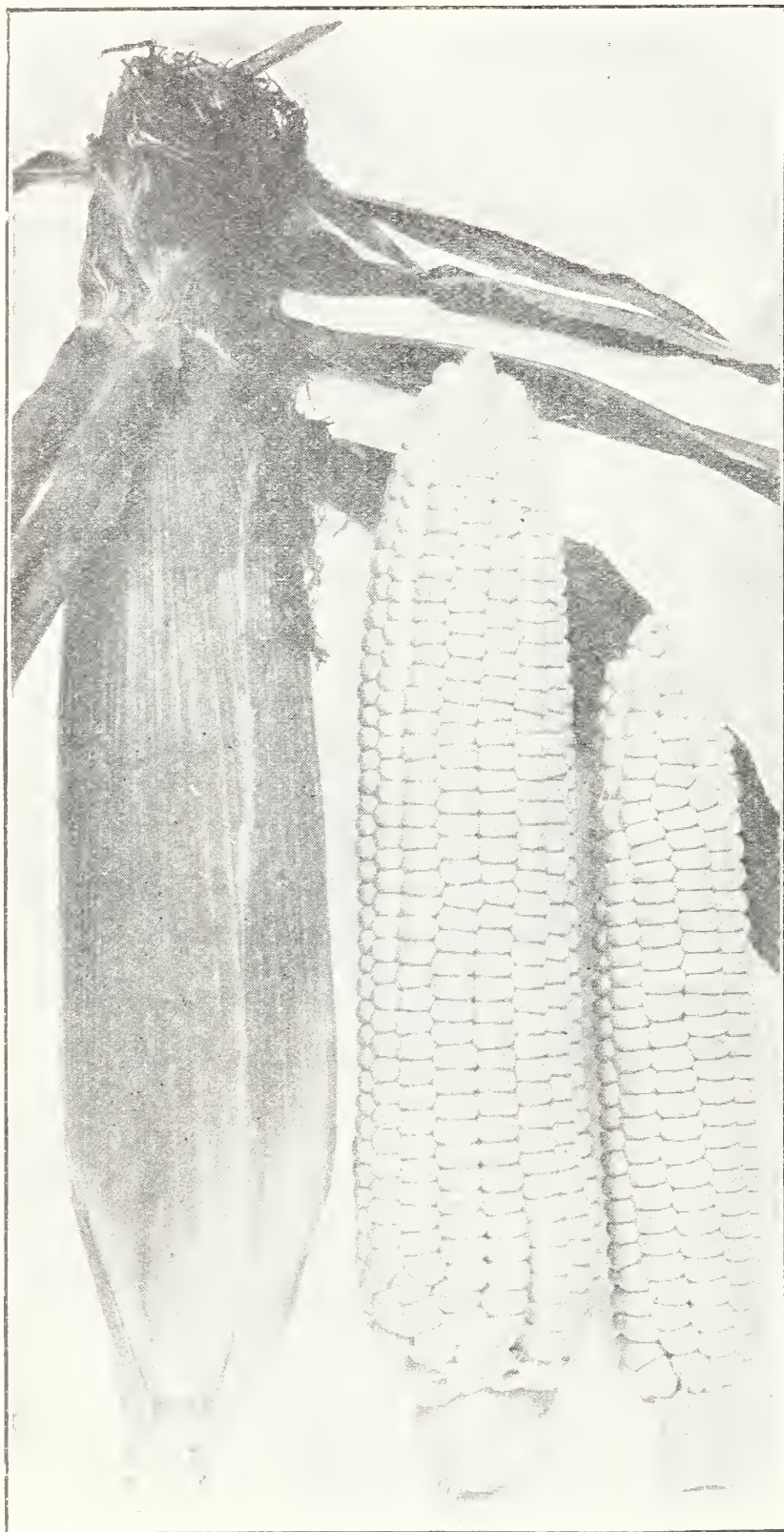
A variety of cabbage greens, used extensively in the south.

True Creole or Southern. Price per pkt., 10c.; per oz., 15c.; per lb., \$1.00.

Sweet Corn.

Pkts. any variety Sweet Corn 10c. each
except where noted.

Zucker Maiz—Maiz Granone uolce.



WHIPPLE'S YELLOW.

GOLDEN
BANTAM.

It is generally conceded that seed sweet corn of superior quality is grown in Connecticut. Seed is produced here in large quantities for shipment to the most critical trade.

EXTRA EARLY VARIETIES.

Early Surprise. In our estimation, and those who saw it in the trials, a most valuable extra early. Early Surprise was offered last year for the first time. According to trial ground tests, it is even earlier than the Early Dighton or Alpha. Seed planted May 22nd was ready in 69 days. A large, attractive, strictly white ear with 12 rows; stalks 4 to 4½ feet. It surely is a winner for the market gardener. Price per pt., 35c.; per qt., 60c.; 10 lbs., \$3.00; 100 lbs., \$27.00.

Early Dighton. Formerly the earliest sweet corn, similar to Red Cory, but five days earlier. Price per pt., 30c.; per qt., 50c.; 10 lbs., \$2.50; 100 lbs., \$19.00.

Mayflower. Very early white, good-sized ears, 10 to 12 rowed. Stalks 4 to 5 feet high, hardy and most popular extra early. Per pt., 30c.; per qt., 50c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

Whipple's White. An early white corn ready five days after Early Mayflower or about five days earlier than Early Crosby. Ears rather blocky, 8 inches long, with 16 to 18 rows, well filled to the tip with deep grains of excellent quality. Per pt., 30c.; per qt., 50c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

Whipple's Yellow. A decided improvement in yellow sweet corn; ready about same time as Golden Bantam, but nearly twice the size; ears 7 to 8 inches long, 12 to 16 rowed. The quality is excellent. Price per pt., 30c.; per qt., 50c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

Golden Bantam. Original type. Medium size, 8-rowed, ears of finest quality, which has never been improved on in that respect. The seed when dry is a beautiful golden color. Many prefer it to the larger sorts and make successive plantings every two weeks up to July 15 for this vicinity. Price per pt., 30c.; per qt., 50c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

MEDIUM VARIETIES.

Crosby's Early. Very sweet, fine grains, grows ten to twelve rows on a medium sized ear, averaging seven inches long. Per pt., 30c.; per qt., 50c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Bantam Evergreen. A cross between Golden Bantam and Stowell's Evergreen, giving us a corn of fine quality and good size, ears 7 to 8 inches long. Ready about the same time as

Howling Mob. Price per pt., 30c.; per qt., 50c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Howling Mob. One of the large-eared, early twelve-rowed class of much merit and a profitable crop for the trucker. Price per pt., 30c.; per qt., 50c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Metropolitan. One of the sweetest and largest of the second earliest; twelve-rowed. Price per pt., 30c.; per qt., 50c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Potter's Excelsior or Squantum. Medium early. Large ears of excellent quality. Price per pt., 30c.; per qt., 50c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Mexican Sugar. Black. Medium early and very sweet; eight-rowed; when young the color is very slight. Price per pt., 30c.; per qt., 50c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

LATE VARIETIES.

Platt's Fancy Evergreen. A very superior strain earlier and more productive than Stowell's. Price per pt., 35c.; per qt., 60c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

Stowell's Evergreen. A large variety, 8 to 9 inches long; the standard for family or market use; of highest quality. Price per pt., 30c.; per qt., 50c.; 10 lbs., \$2.10; 100 lbs., \$18.00.

Note—Not less than 5 pounds Corn sold at the 10-pound rate or less than 25 pounds at the 100-pound rate. Postage extra on Sweet Corn, Beans and Peas, except in pkts. Beans and Peas weigh about 2 lbs. per qt; Sweet Corn 1½ lbs. Add for postage according to zone (see page 2).

Sweet Corn—Continued.

Country Gentleman. (Shoe Peg). Medium late; good size ears, irregularly crowded full of slender, deep grains, deliciously sweet and finest flavored. Per pt., 30c.; per qt., 50c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Long Island Beauty. A very late corn with immense ears, often 12 inches long, sixteen or eighteen rows of pearly white grain, tender and delicious, in an attractive dark green husk. A most excellent sort for home canning. Price per pt., 30c.; per qt., 50c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Sweet Corn for Fodder. The sweet corn is decidedly preferred by stock to the yellow or field varieties. Price per 10 lbs., \$1.00; per 100 lbs., \$7.00.

Pop Corn Selected for Seed.

Granone per Scoppio.

White Rice. Sharp-pointed kernels, twelve to sixteen-rowed, more generally grown than any other. Price per lb., shelled, 20c.

Red Beauty. Sharp-pointed kernels, twelve to sixteen-rowed. An improved red rice, considered by many the finest of all, being very free from tough fibre; pops large, and delicately flavored. Price per lb., shelled, 20c.

Queen's Golden Pop. Twelve to sixteen-rowed, smooth kernel, bright yellow. Price per lb., shelled, 20c.

Corn--Varieties for Field Culture.

Granone e Grano—Turco.

Note. Seed Corn postpaid to any post office within 150 miles for 60c. per bu. extra, plus cost of bag—2 bu. burlap, 10c.; cotton, 35c. It pays to use improved seed. Our corn has been especially grown for seed. Prices subject to market fluctuations.

FLINT VARIETIES.

Early Eight-Rowed Yellow Canada or 90-Day Corn. The Flints will always be favorites for certain uses and conditions. Earliness and ability to yield well on light ground; they have qualities that make the finest grade of meal (Indian meal). Will produce a profitable crop where the later and heavier sorts would be a failure. Early Canada is the earliest of these

Qt.	Bu.
(56 lbs.)	
25c.	\$4.00

Longfellow. The ears are larger and longer than Early Canada, cob small, kernels large; eight-rowed yellow flint

25c.	3.75
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Improved Sanford. Large white ears, 12 to 15 inches long, very productive and producing also a good leafy growth

25c.	3.75
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DENT VARIETIES.

Queen of the Prairie or Pride of the North. This is an early Yellow Dent, medium size, uniform ears, cob small; a winner in many shelling contests

25c.	3.50
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Improved Leaming. Select stock, eastern grown. The ears are large, with deep dented grain, twelve to sixteen-rowed. Extensively grown for both grain and silo. Matures in 100 to 110 days

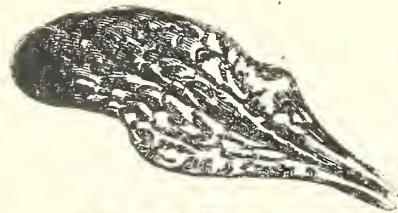
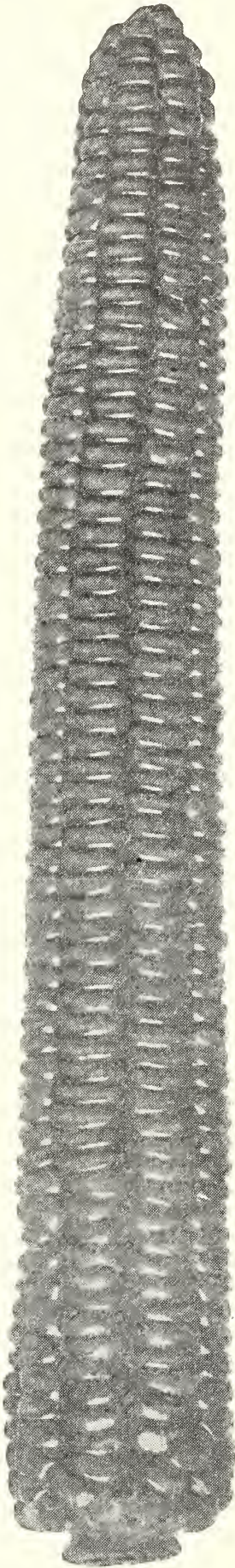
25c.	3.50
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Sweepstakes Ensilage. Earliest big-eared Dent, heavy producing silage corn for Connecticut and north. It is very important to secure seed of superior quality produced only in limited areas of North-eastern Pennsylvania. This stock grows 12 to 15 feet high, and produces in 90 to 100 days, 15 to 20 tons per acre, silage of high food value, containing a large amount of grain in the glazed stage, considered ideal

25c.	4.00
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Eureka Ensilage. One of our specialties, an extra large southern corn grown and selected with great care to keep the true vigorous stock. White seed, luxuriant and heavy in stalk and foliage. Will ordinarily produce more tons of ensilage than any other. We have had stalks 17 feet 10 inches tall. Price per qt., 25c.; per bu., \$3.50.

LONGFELLOW
YELLOW FLINT.



CORN SALAD OR FETTICUS.

Corn Salad or Fetticus.

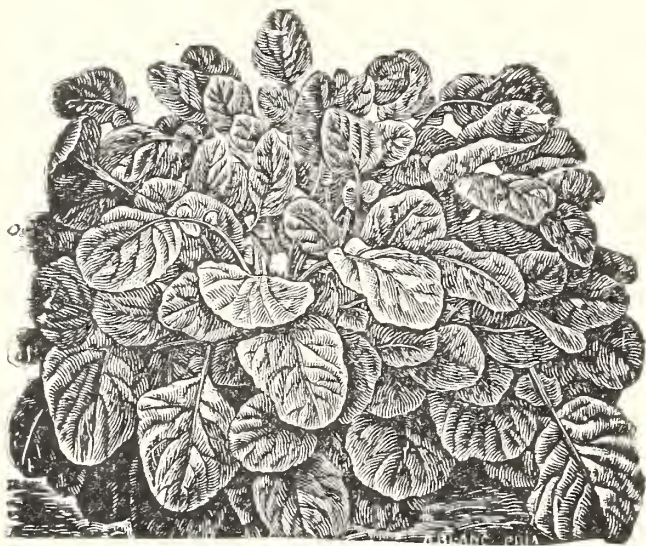
Ackersalat—Macha o Valerianilla—Valerianello o Insalata.

It is sown on the first opening of spring in rows one foot apart, and is fit for use in six weeks from the time of sowing. If wanted for very early spring, it may be sown in September and covered as soon as cold weather sets in, and is wintered over the same as spinach.

Large Leaved. Price per pkt., 10c.; per oz., 15c.; per lb., \$1.25.



CRESS OR PEPPER GRASS.



UPLAND CRESS.

Cress or Pepper Grass.

Kresse—Berro o Masteurzo—Crescione.

Extensively used as a small salad. Sow early in the spring, very thickly in shallow drills. The sowing should be repeated at intervals, as it soon runs to seed. One ounce of seed will sow a bed of sixteen square feet.

Extra Curled. Fine curly-leaved. Price per pkt. 10c.; per oz., 15c.; per lb., 80c.

Upland. Resembles the water cress in flavor, same culture as spinach; a perennial plant. Price per pkt., 10c.; per oz., 20c.; per lb., \$2.00.

Cress--Water.

Wasser Kresse—Crescione Acquatico.

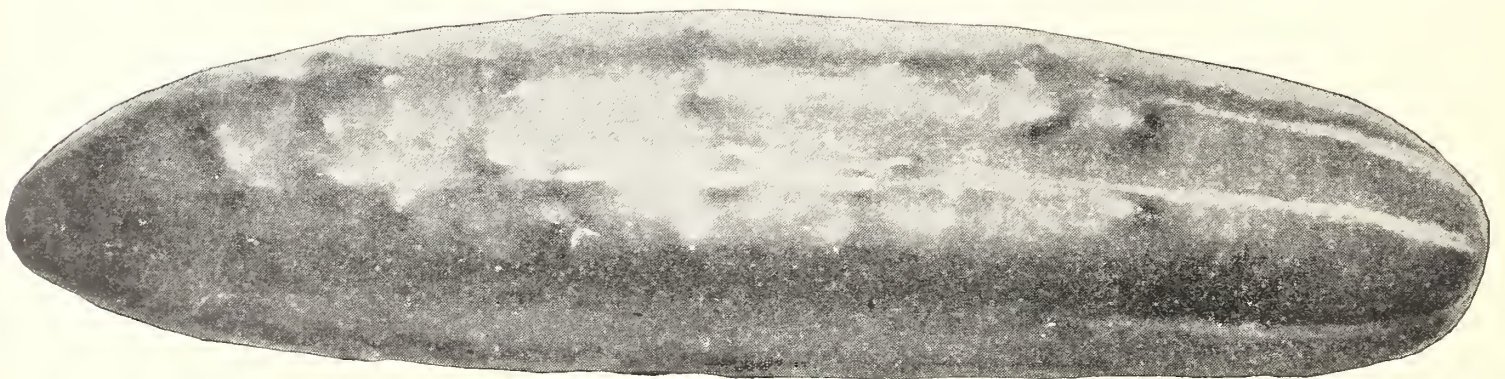
This is a well-known hardy, perennial aquatic plant, growing abundantly along the margins of running streams, ditches and ponds. Where it



WATER CRESS.

does not grow naturally it is easily introduced by planting, and it increases, both by spreading of the roots, and by seeding.

True Water Cress. Price per pkt., 10c.; per oz., 45c.; per lb., \$4.50.



EARLY FORTUNE—THE FINEST OF ALL CUCUMBERS.

Cucumber.

Gurke—Pepino—Cetrinolo.

Make rich hills of well-rotted manure, two feet in diameter, and plant a dozen or more seeds, covering half an inch deep. When all danger from insects is over, pull all but three or four of the strongest plants. The middle of June is early enough to plant for pickling. Make the hills about six feet apart. For early cucumbers the hot-bed is necessary.

EARLY AND SMALL PICKLING VARIETIES.

Early Cluster. Very early; short and sets closely. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Boston Pickling or Green Prolific. Medium long, smooth, good color. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Cucumber—Continued.

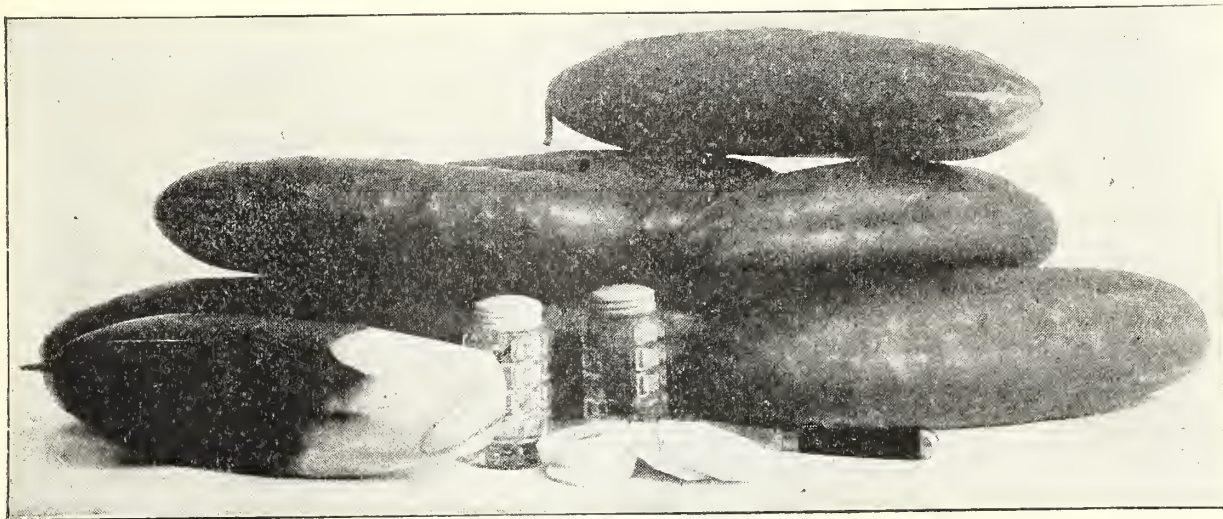
Gherkins or West India. Very small, fruit covered with spines, and used for pickles only; extremely prolific; the vine resembles the watermelon and may be run over an arbor or trellis. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 45c.; per lb., \$1.75.

FOR SLICING AND LARGE PICKLES.

Early White Spine. Large, bright green, smooth and prolific. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Evergreen White Spine. Extra long and straight, dark green. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.50.

Arlington Early White Spine. For slicing or pickling. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.



DAVIS PERFECT CUCUMBER.

Early Fortune. This belongs to the white spine type, and is the finest yet produced. It is early, productive and blight-resisting; remarkably uniform fruits about nine inches long by two and one-half in diameter, holding their fine dark green color long after picking; flesh firm, crisp, and few seeds. Owing to its vigor and blight-resisting qualities, we believe is due the high percentage of perfect fruits. Our market gardeners shipping to New York and Brooklyn markets have found it to be their most profitable sort. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.50.

Davis Perfect. A fine, extra long, solid, smooth and slender, dark green type of White Spine, equally good for field or forcing culture. The fault with the original strain, which was inclined to be necky, has been entirely overcome by several years' selection. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.50.

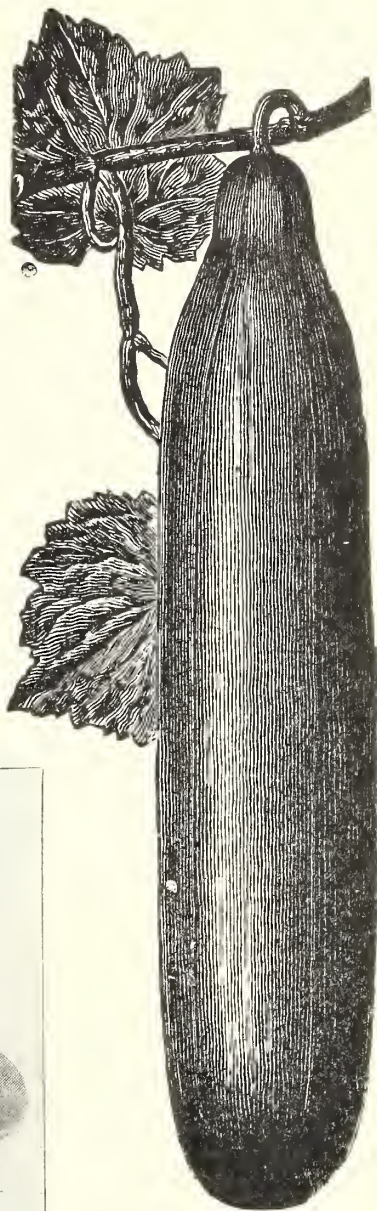
London Long Green. A fine dark green, productive late table sort, twelve to fifteen inches long, more or less warted; flesh white and firm; used extensively for large pickles. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.50.

Japanese Climbing.

Vines are vigorous and throw out strong, grasping tendrils. Fruits long, even and crisp. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.50.

Giant Pera.

A distinct cucumber, belongs to the long green strain. Fruits more slender, somewhat bottle necked at the stem end. The skin is smooth and very dark green; average size 12 x 3 inches. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.50.

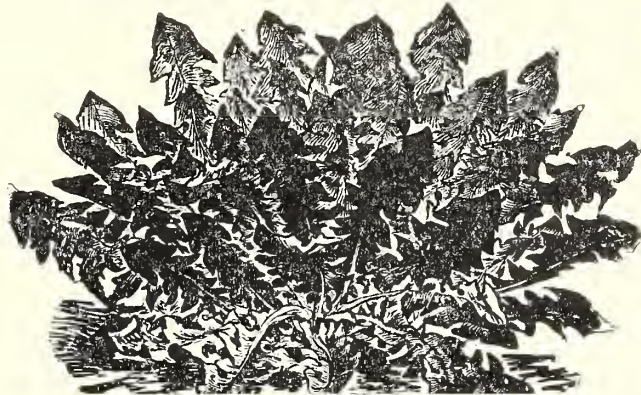


GIANT PERA CUCUMBER.

Dandelion.

Lowenzahn—Amaigon—Cicorea.

The Dandelion affords one of the earliest as well as one of the best and most healthful spring greens. It is also sometimes blanched and used as a salad. The seeds may be sown from May to August, in drills ten inches apart; thin out the young plants to about three inches apart; cultivate during the

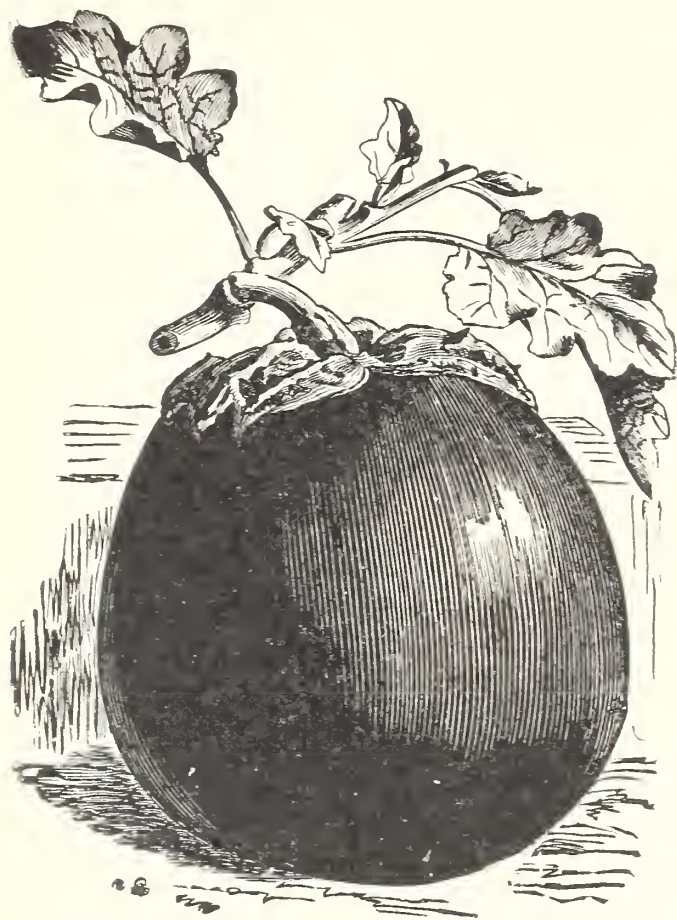


DANDELION.

season, and the following spring the plants will be fit for the table.

French Common. Very early, vigorous growth. Per pkt., 10c.; oz., 30c.; ¼-lb., 85c.; lb., \$3.00.

Improved Thick-Leaved, or Cabbaging. Distinct variety forming a regular upright tuft at the center; blanches easily. Superior to the common. Per pkt., 10c.; per oz., 90c.; per lb., \$9.00.



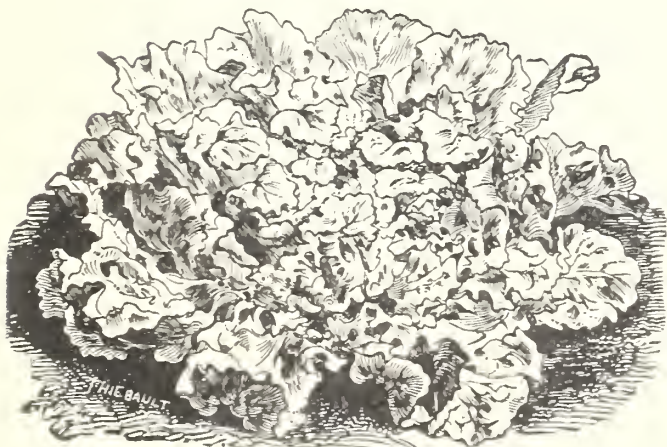
IMPROVED NEW YORK SPINELESS.

for plants to stand the winter, sow early in August. When the plants are about two inches high, transplant into rich, well-prepared soil.

Green Curled. Leaves curly and finely fringed; the center blanches readily to a cream color. Very hardy and fine quality. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Giant Fringed or Oyster. Beautifully fringed; vigorous; with large white heart. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Broad-Leaved Batavian (Escarole). A large fleshy-leaved sort, deep green, more or less twisted and folding, forming a crisp sort of

BROAD LEAVED BATAVIAN
ENDIVE.

Egg Plant.

Eirpflanze—Berengena—Moligunae.

Sow in a hot-bed in February and March; when the plants are one or two inches high, transplant or thin out to two or three inches apart. When the weather is warm and settled, they may be planted out in a warm situation, two feet apart each way.

Improved New York Spineless. Fruit large size, oval and dark purple. Price per pkt., 10c.; per oz., 50c.; per ¼-lb., \$1.35; per lb., \$5.00.

Black Beauty. Fruit ten to fifteen days earlier than New York, not quite as large, more nearly egg shaped, dark purple. Price per pkt., 10c.; per oz., 50c.; per ¼-lb., \$1.35; per lb., \$5.00.

Early Long Purple. Fruits average 6 to 8 inches long and 2½ inches in diameter, early and productive. Price per pkt., 10c.; per oz., 50c.; per ¼-lb., \$1.35; per lb., \$5.00.

Endive.

Endivien—Endivia—Indivia o Escarola.

Make the first sowing about the middle of May, on a bed of well-pulverized, rich soil, scattering the seed thinly, and covering it lightly. For the main crop, sow in the middle of June and again about the middle of July; and



GREEN CURLED ENDIVE.

head in the center, which blanches to a creamy white. A very desirable salad plant belonging to the chicory family. Price per pkt., 10c.; oz., 15c.; ¼-lb., 35c.; lb., \$1.25.

French Endive. (*See Witloof*).

Florence or Naples Fennel.

Finnocchio di Napoli.

Sow in early spring in rows fifteen to twenty inches apart, in rich, moist soil. Thin out or transplant to six or eight inches. It is usually boiled for the table. It somewhat resembles celery, possessing a sweet and agreeable smell and flavor. Eaten raw when young and tender. Price per pkt., 10c.; per oz., 20c.; per ¼-lb., 60c.; per lb., \$2.00.

Garlic.

Aglio.

Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring, in rows one foot apart and from one to five inches in the rows. The crop matures in August, when it is harvested like the onion.

Garlic Sets. Price per lb., 40c.; postage extra.

Kale or Borecole.

Blatter Kohl—Col—Cavalo Riccio.

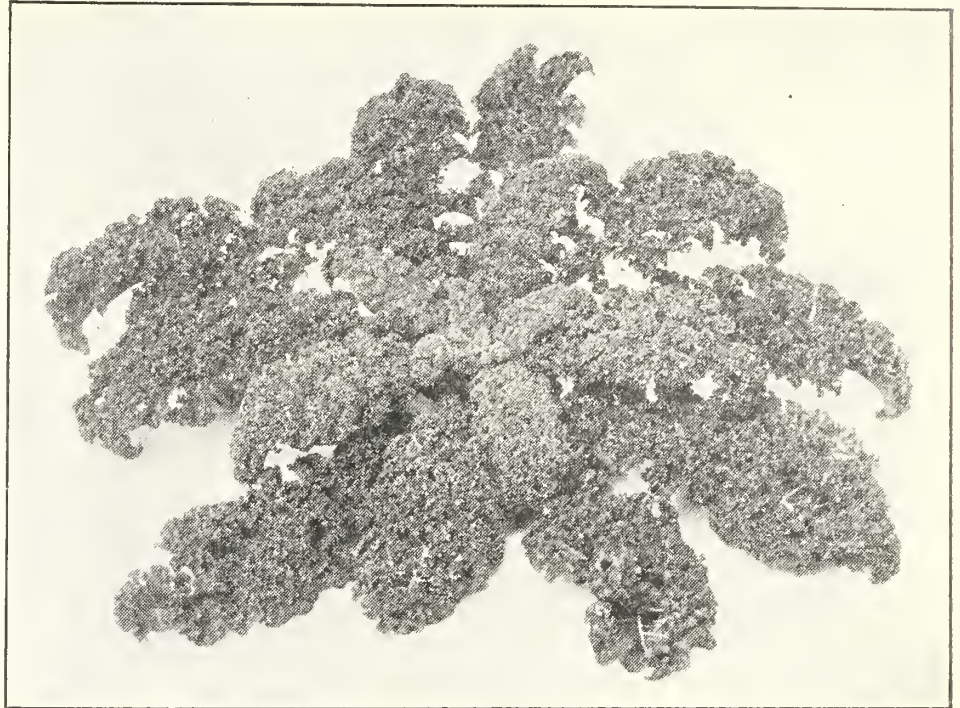
Sow in April, in drills fourteen to eighteen inches apart, covering the seeds thinly and evenly, and thin out when hoeing to from four to six inches apart. The varieties are extremely hardy, and are best when touched by frost. For winter and spring use, sow in August or September.

Extra Dwarf Curled Scotch. Spreading habit, hardy and improved by light frost. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.

Bloomsdale Curled Scotch. An improved type of the Extra Dwarf Curled Scotch. The very curly dense foliage is a darker, more attractive color. It is also more hardy than the Dwarf Scotch. Per pkt., 10c.; oz., 20c.; per ¼-lb., 55c.; per lb., \$1.75.

Tall Curled Scotch. Similar to the Dwarf except that it grows two to three feet high. Price per pkt., 10c.; oz., 15c.; ¼-lb., 35c.; per lb., \$1.25.

Improved Siberian. German Greens or Sprouts. Dwarf, curly, dark green leaves, very hardy and an immense cropper. Undoubtedly the most hardy and more extensively grown than any other variety; in fall seeding to winter over and cutting for spring greens. Per pkt., 10c.; oz., 15c.; ¼-lb., 25c.; lb., 85c.



EXTRA DWARF CURLED SCOTCH.

Kohl-Rabi or Turnip Cabbage. *Kohlrabi—Colinabo—Rapa.*

Half-way between a turnip and a cabbage, partaking of the nature and flavor of both. The bulbs, formed above ground, are cooked like turnips. Sow from April to July; plant and cultivate the same as cabbage. As they are difficult to transplant, they are usually sown where they are to stand, and afterwards thinned out.

Early White Vienna. Grows to a fair size, skin light green; flesh white; short stumps and tops. Per pkt., 10c.; per oz., 20c.; per ¼-lb., 50c.; per lb., \$1.75.

Early Purple. Differs from the above in color only. Per pkt., 10c.; oz., 25c.; ¼-lb., 65c.; lb., \$2.25.

Leek.

Lauch—Puerro—Cipollette.



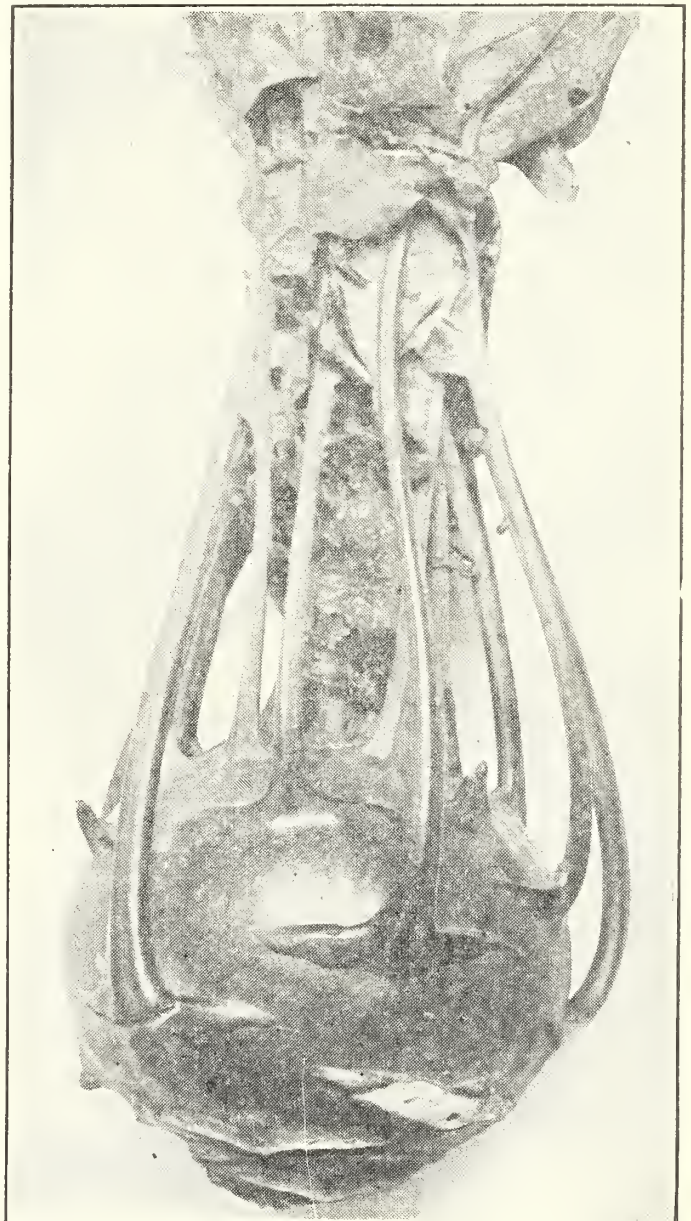
LARGE MUSSELBURG LEEK.

Sow as early in the spring as season admits, either in seed beds or places where they are intended to grow. When four inches in height thin to three inches; when from six to eight, transplant to ten inches apart, leaving those in drills about six inches apart. Set as deep as possible without covering the small center leaves.

American Flag. A favorite variety, long, large stalk, broad-leaved, white and sweet when properly blanched. Per pkt., 10c.; oz., 25c.; ¼-lb., 65c.; lb., \$2.25.

Large Musselburg. Thick, long stems, productive. Per pkt., 10c.; oz., 25c.; ¼-lb., 65c.; lb., \$2.25.

Giant Carentan. Largest and most hardy, semi-bulbous, mild. Per pkt., 10c.; oz., 25c.; ¼-lb., 65c.; lb., \$2.25.



KOHL-RABI OR TURNIP CABBAGE.

Lettuce.

Salat—Lechuga—Lattuga.

Culture. Sow early in spring in a hot-bed; transplant in April for summer use. Again, sow from April at intervals in the open ground, and for winter and spring use, in August and September. Protect by means of cold frame during the winter.

CURLED OR LOOSE-LEAVED VARIETIES.

Grand Rapids. The plant is distinct, of upright growth; leaves light green, much fringed and crumpled, forming a loose cluster. Very extensively grown under glass. The seed will not grow if sown more than one-eighth inch deep. Price per pkt., 10c.; per oz., 20c.; per ¼-lb., 60c.; per lb., \$2.00.



Prize Head Early. Of non-heading habit, large bronzed leaves, crisp and tender. Price per pkt., 10c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.50.

Simpson Black-Seeded. Rapid growing; stands the summer heat well, and attains a large size; quality excellent. Price per pkt., 10c.; per oz., 20c.; per ¼-lb., 50c.; per lb., \$1.50.

Simpson White-Seeded or Silesia. Very tender and crisp, forming loose cluster. Per pkt., 10c.; per oz., 20c.; per ¼-lb., 50c.; per lb., \$1.50.

HEADING OR CABBAGE VARIETIES.

Big Boston. Medium large cabbage butter-head type, finely shaped globular, medium light green smooth leaves, with a slight tinge of brown on margins on the outer leaves. Interior of the head is brittle, buttery and golden yellow. It is early, hardy and stands shipping well. Big Boston is recommended

UNRIVALLED, GREEN LEAVED BIG BOSTON LETTUCE.

for spring and autumn and for cold frame forcing, but not during the hot weather Pkt. Oz. ¼-lb. Lb.

California Cream Butter or Royal Cabbage. Large-leaved, light green, buttery.. 10c. 20c. 40c. 1.50

Crisp-as-Ice. (Hartford Bronze). A bronze head variety of finest quality and appearance, the crumpled, shiny bronze leaves enclose a firm, crisp head of medium size 10c. 20c. 40c. 1.50

Deacon. A large Butter-Head variety. Pale yellow center of fine quality 10c. 20c. 40c. 1.50

Hanson. Heads very large and solid; one of the most desirable for late 10c. 20c. 50c. 1.75

Hubbard Market. A large white cabbage variety; equally valuable for forcing or open ground 10c. 20c. 40c. 1.50

Mammoth Black-Seeded Butter. A yellowish green, compact head of large size and excellent quality 10c. 20c. 50c. 1.75

May King. Early, light green, head solid, good shipper 10c. 20c. 60c. 2.00

New York or Wonderful. A distinct, very large, flatish globular head; outer leaves dark green frilled at the edge, inner portion crisp, compact, beautifully blanched and tender; of excellent quality; stands hot weather well. It is also known as Los Angeles and is the variety grown extensively on the Pacific Coast for eastern markets, where it is reported 6,000 carloads were produced in the Imperial Valley alone last season and sold under the name of Iceberg. However, that name belongs to another sort, which leads to confusion... 10c. 25c. 75c. 2.50



BIG BOSTON LETTUCE.

Salamander. (Black Seeded Tennisball). A compact, medium large, light green cabbage, butter-head, of excellent quality; withstands hot weather well; one of the most popular 10c. 20c. 60c. 2.00

Unrivalled. A very attractive cabbage butter-head of excellent quality, medium large size, light green, ten days earlier than Big Boston, with no tinge of brown. It is often called Green Leaved Big Boston. May be used at any time of the year, stands hot weather remarkably well 10c. 20c. 60c. 2.00

Wayahead. Very early, solid heading, and tender, rich golden blanching center 10c. 20c. 60c. 2.00

White Summer Cabbage. A standard large-headed variety, very hardy 10c. 20c. 40c. 1.50

COS OR ROMAINE LETTUCE.

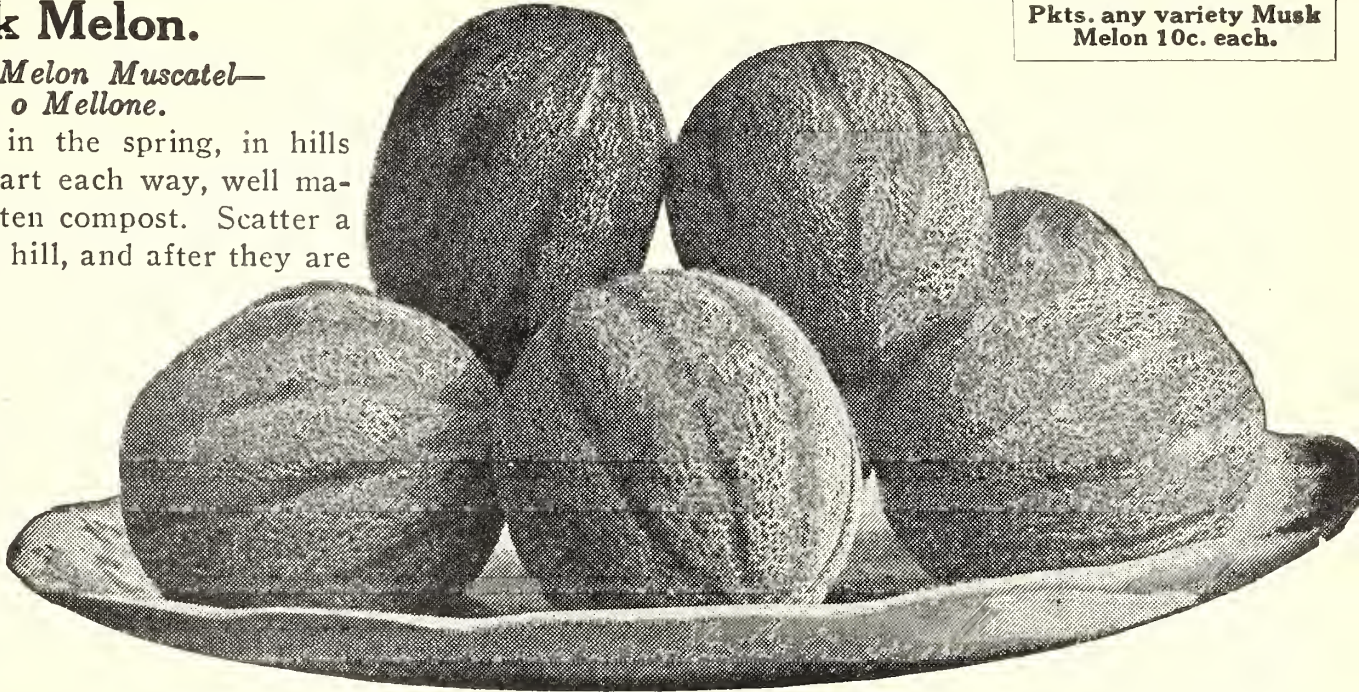
Paris White Cos. (Trianon). This is considered the most reliable cos variety, grows upright, with long, spoon-shaped leaves, forms well-filled head of fine quality 10c. 20c. 60c. 2.00

Musk Melon.

*Cantaloupe—Melon Muscatel—
Phone o Mellone.*

Pkts. any variety Musk
Melon 10c. each.

Culture. Plant in the spring, in hills five or six feet apart each way, well manured with old rotten compost. Scatter a dozen seeds to the hill, and after they are out of danger from bugs, thin to three or four plants. A light, dry, sandy soil and a dry atmosphere are most suitable. Melons should not be planted near any other varieties if it is desired to preserve them pure.



OSAGE.

GREEN-FLESHED VARIETIES.

Rocky Ford. Oval-shape, nearly round, medium size, and thickly netted, with no trace of ribs. The flesh is green, and for sweetness and spiciness is unexcelled. However, salmon-fleshed selections have now almost entirely superseded it as a shipping melon for reasons of rust resistance and shipping qualities. Price per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Hackensack or Nutmeg. An old standby which has prominent ribs; attains a large size, is late, round in shape, flattened at the ends, green flesh. Price per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

SALMON-FLESHED VARIETIES.

Bender's Surprise. A large, oval-shaped high-class melon with deep salmon flesh of most delicious flavor; keeps and ships remarkably well, in fact, actually improves after picking. Price per oz., 20c.; per ¼-lb., 50c.; per lb., \$1.75.

Extra Early Osage. This is a fine early melon of the Osage type, medium size, oval, slightly netted and richly flavored, with a spicy lusciousness peculiarly its own; flesh thick and firm, but when fully ripe dissolving and delectable. Price per oz., 20c.; per ¼-lb., 50c.; per lb., \$1.75.

Hale's Best. A new, extra early melon which originated in the Imperial Valley, California; an oval about 8 x 4½ inches, with heavy netting and fairly prominent ribs; salmon flesh of exceptional

thickness. It is predicted that Hale's Best will become a most important early shipping sort. Price per oz., 20c.; per ¼-lb., 50c.; per lb., \$1.75.

Milwaukee Market. A new melon very much like Bender's Surprise in size and appearance, though about a week later. The flesh is equally tender, thick and delicious. An exceptionally high quality melon for nearby market and home use. Per pkt., 10c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.75.

New Pollock No. 10-25. The result of long-continued work in the famous Rocky Ford melon section to produce a salmon flesh "Rocky Ford"; highly rust resistant. It is now the only melon grown to any great extent in that district. A rather late melon, nearly round, 5½ x 5 inches, heavily netted, no trace of ribs, flesh exceptionally thick. Price per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Emerald Gem. Small but prolific. Has a thin green rind, which makes it unsuitable for shipping; a very small seed cavity, rich and luscious meat of a salmon color. Price per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Osage or Miller's Cream. Smooth, or slightly netted, green exterior, medium size, oval, slightly ribbed, thick, hard, salmon flesh; larger and about a week later than Early Osage; one of the finest melons grown. Per oz., 15c.; ¼-lb., 35c.; lb., \$1.25.

Tip-Top. Very large, deeply ribbed, and thickly netted. Flesh yellow, thick and very sweet. Price per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.25.

Martynia.

The seed pods are used to considerable extent for pickling, when gathered green and tender. Sow in the open ground in May, and transplant two feet apart.

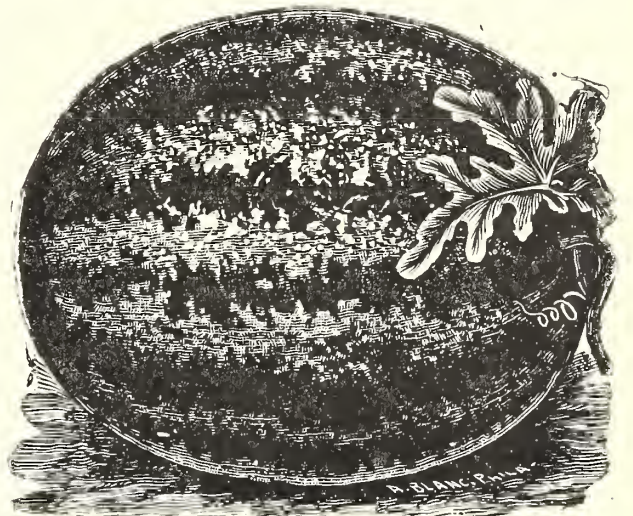
Martynia Proboscidea. Price per pkt., 10c.; per oz., 50c.; per lb., \$5.00.

Water-Melon.

Wassermelone—Zandia—Anguria o Mellone.

Culture. Plant in hills six or eight feet apart, in May. Select warm, light, dry ground, and in preparing the hills let them be dug out as broad and deep as the soil will admit; fill at least one-third full of the best decomposed stable manure, and mix thoroughly with the soil; fill up a little above the level of the ground.

Cole's Early. A striped early variety, nearly round, medium size; excellent quality; seed black. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.



COLE'S EARLY.

Water-Melon—Continued.

Monte Cristo or Kleckley's Sweets. Skin dark green, thin rind, flesh scarlet, very solid, firm and luscious; seed white. Per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

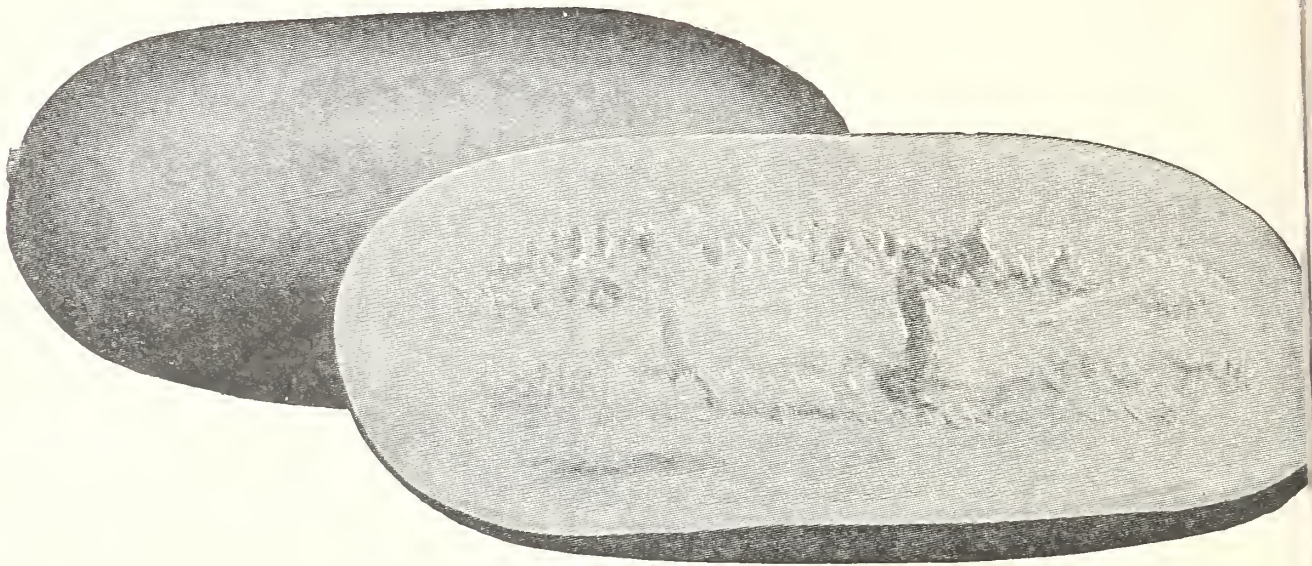
Halbert's Honey. Large, oblong, dark green, medium early, very sweet, crimson flesh, white seeded, quality the best. Per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Ice Cream or Peerless. White seeded; early oblong; medium size; flesh sweet and tender; green skin, very thin rind. Price per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

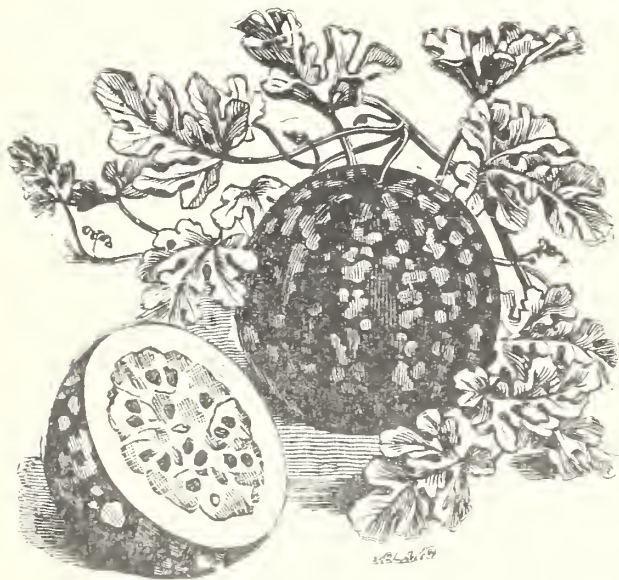
Klondike. A new, early, high-quality, medium-sized melon for home or nearby market. While cylindrical in shape, the Klondike tapers toward the blossom end. Size about 10x16 inches; rind dark green; flesh deep red, free from fiber; in season about five days earlier than Halbert Honey. Price per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Sweet Heart. A rather late, mottled light green; large, oval, black-seeded sort of excellent quality. Price per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Tom Watson. A large, late, long dark green melon with bright red flesh, brown seed. Its tough rind makes a good shipper. Price per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.



HALBERT'S HONEY WATERMELON.



CITRON FOR PRESERVING.

American Pure Culture Spawn (bricks). One brick, 30c.; 10 bricks, \$2.50. Postage extra, $1\frac{1}{4}$ lbs. each.

Mustard.

Senf—Mostaza—Mortarda.

Sow in April, in drills a foot apart, and thin out moderately when about three inches high. For succession sow every three or four weeks.

Fordhook Fancy. Handsomely curled and fringed, dark-leaved, vigorous growing variety; mild and remaining a long time before going to seed. Fine for salads and garnishings. Price per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Southern Giant Curled. A very hardy light green variety. Very popular, especially in the South during winter and early spring; excellent for salads. Price per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 75c.

White London. Used for salads or greens when young. Per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 20c.; per lb., 60c.

Citron.

Citron for Preserves and Sweetmeats. Round, striped, red seeds. Price per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

Colorado Preserving Citron. Oblong and very large. Price per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Mushroom Spawn.

Blanc de Champignon—Seta—Champignonbrut.

Mushroom Culture. Mushrooms are an edible fungus and may be grown wherever the temperature of fifty degrees can be kept up through the winter. The beds should be made from November to February, according to the time the mushrooms are wanted.

It requires about two months for them to begin bearing.



MUSHROOMS.

Onions.

Zweibel—Cebolla—Cipolle.

Onion seeds should be sown as early as it is possible to work the ground, in drills one inch deep and twelve to sixteen inches apart, in rich soil, deeply tilled and lightly rolled. Thin to one inch apart. When sowing for sets, seeds must be put in very thick, at the rate of about twenty pounds to the acre. The same patch may be used year after year for onions and never made too rich.

Danvers Yellow Globe. Large, mild, nearly globe shaped, has small neck, ripens up uniformly and is a good keeper. Especially popular in Connecticut Valley. Price per pkt., 10c.; per oz., 25c.; per $\frac{1}{4}$ -lb., 70c.; per lb., \$2.50.

Southport Yellow Globe. Deep globe-shaped and a heavy late cropper; one of the most extensively grown, for winter markets. Price per pkt., 10c.; per oz., 25c.; per $\frac{1}{4}$ -lb., 70c.; per lb., \$2.50.

Yellow Dutch or Strasburg. Large and flat. A great yielder. Sown extensively for sets. Price per pkt., 10c.; per oz., 25c.; per $\frac{1}{4}$ -lb., 65c.; per lb., \$2.25.

Prize Taker. Rich straw color, of enormous size. The flavor is mild and delicate. Price per pkt., 10c.; per oz., 30c.; per $\frac{1}{4}$ -lb., 85c.; per lb., \$3.00.

Ailsa Craig. An English sort of the very largest, frequently five inches in diameter, weighing two pounds each. Skin straw color; flesh white, firm and mild. For exhibition sow in hot-bed and transplant. Price per pkt., 10c.; per oz., 35c.; per $\frac{1}{4}$ -lb., \$1.00; per lb., \$3.50.

Extra Early Red. Ten days earlier than Large Red. Price per pkt., 10c.; per oz., 30c.; per $\frac{1}{4}$ -lb., 85c.; per lb., \$3.00.

Large Red Wethersfield. A large flat variety, very productive, keeps well. Price per pkt., 10c.; per oz., 25c.; per $\frac{1}{4}$ -lb., 70c.; per lb., \$2.50.

Southport Red Globe. This is a large, globe, deep red-skinned variety; very mild, best keeper. Per pkt., 10c.; per oz., 30c.; per $\frac{1}{4}$ -lb., 85c.; per lb., \$3.00.

Southport White Globe. In form nearly ovoid, very regular and symmetrical; skin white, flesh fine grained, snowy white, mild. Price per pkt., 10c.; per oz., 40c.; per $\frac{1}{4}$ -lb., \$1.10; per lb., \$4.00.

White Portugal or Silver Skin. Flat, very early, mild flavor. Price per pkt., 10c.; per oz., 35c.; per $\frac{1}{4}$ -lb., \$1.00; per lb., \$3.50.

Mammoth Silver King. Very large, white and flat. Price per pkt., 10c.; per oz., 50c.; per $\frac{1}{4}$ -lb., \$1.35; per lb., \$5.00.

Onion Sets.

Onion sets, both rare-ripes and tops, are placed on the surface, in shallow twelve-inch drills, about four inches apart, and lightly covered. Potato onions are planted in spring or fall, as they will survive the winter. By this process early onions may be obtained several weeks earlier than from seed.

White Onion Sets. Per qt., 30c.; per pk., \$1.50; per bu., \$5.00.

Yellow Onion Sets. Per qt., 25c.; per pk., \$1.25; per bu., \$4.50.

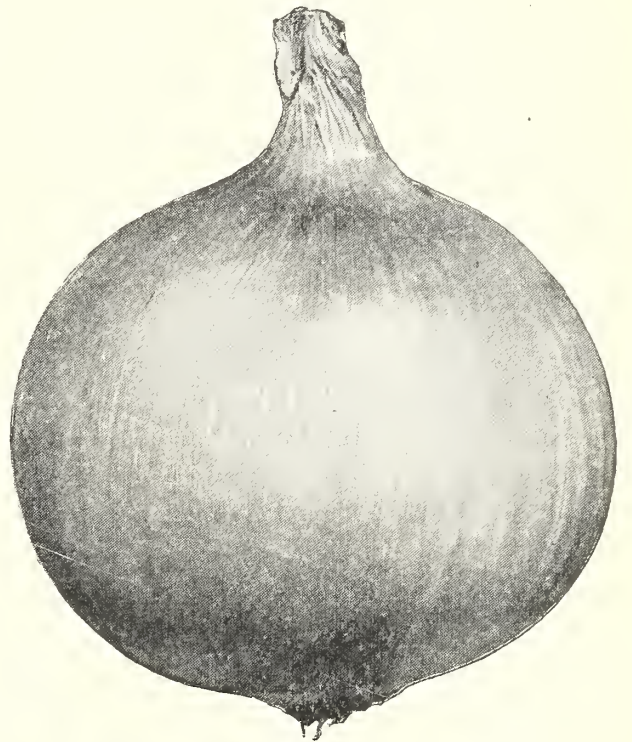
Red Onion Sets. Per qt., 25c.; per pk., \$1.25; per bu., \$4.50.

Ebenezer Onion Sets. Per qt., 30c.; per pk., \$1.50; per bu., \$4.75.

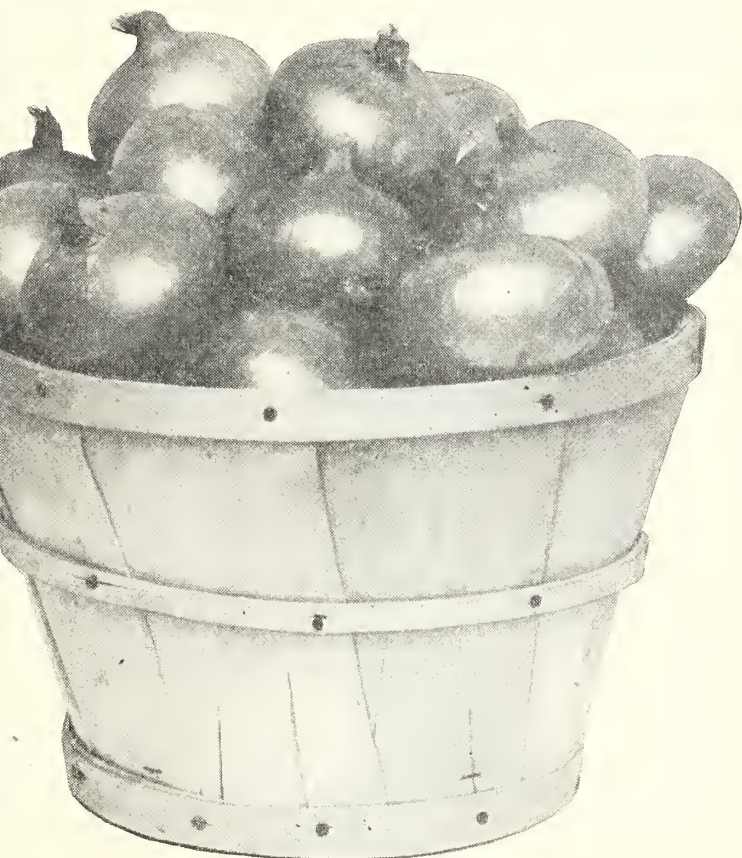
Egyptian or Perennial Tree. Set out in July and August for early spring use. Per qt., 15c.; per pk., 85c.; per bu., \$3.00.

For sets in quantities, get special quotations, as prices vary during the season of planting.

Postage on Onion Sets extra, 1 lb. per qt.



DANVERS YELLOW GLOBE.



EBENEZER ONIONS GROWN FROM SETS.

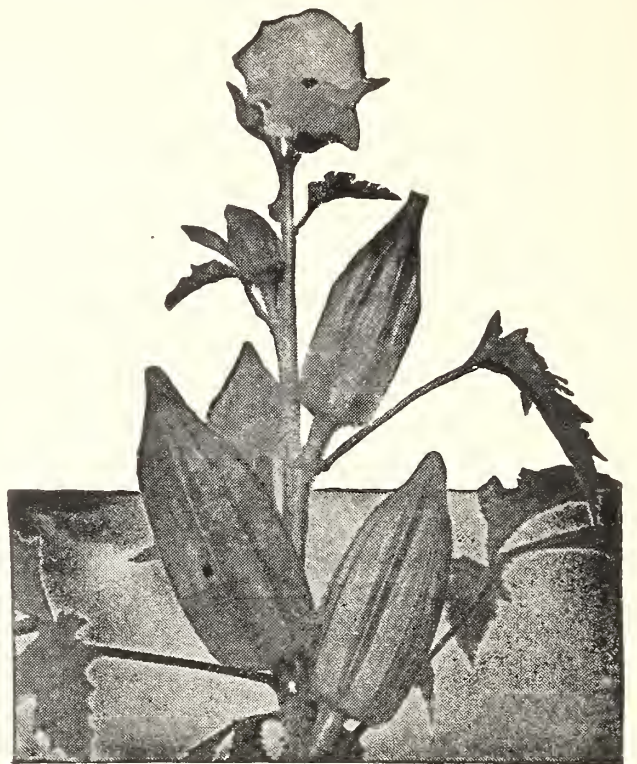
Okra or Gumbo.

Safran—Quimbombo—Othro.

Select warm, rich soil and plant in rows two feet apart, thinning plants to a foot apart in the row. The pods are used to thicken soups, being gathered young. Okra is preserved for winter use by slicing the pods into rings and drying them upon strings hung up and exposed to the air.

White Velvet. Pods round, smooth and free from seams. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 25c.; per lb., 75c.

Dwarf Green Prolific or Density. Early variety, pods green, slightly ridged and thickly set. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 25c.; per lb., 75c.



DWARF GREEN OKRA.

Parsley.

Petersilis—Perjil—Prazzemoio.

Parsley succeeds best in rich mellow soil. As the seeds germinate very slowly, three or four weeks elapsing before it makes its appearance, it should be sown

early in the spring. Sow thickly in rows a foot apart and half an inch deep. For winter use, protect in a frame or light cellar.

Champion Moss Curled. Very closely curled, dark green, the most popular. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.

Fern Leaf. A fine curled, fern-like variety. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.

Plain Leaf. Leaves dark green, deeply cut but not curled, more flavor and hardier than the curled variety. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 25c.; per lb., 90c.



MOSS CURLED PARSLEY.

Hamburg or Turnip-Rooted. The root is the edible portion. This is white; resembles a small parsnip. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.

Parsnips.

Partinake—Chirijia—Pastanache.

Sow as early in spring as the weather will admit, in drills fifteen inches apart, covering lightly. When well up, thin out to five or six inches apart in the rows. They are improved by frost, and it is a good plan to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug up as required. They should be more extensively grown for stock feeding, being more nutritious than turnips, and an immense cropper.

Half Long Thick Shoulder. This is an intermediate. Wide at the top. Per pkt., 10c.; oz., 15c.; ¼-lb., 30c.; lb., \$1.00.

Hollow Crowned. Broad shoulder, medium long. The Hollow Crowns are considered superior to other kinds, and our stock of this is especially fine. Per pkt., 10c.; per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.

Long White Smooth or Sugar. Large and quite long, free from side root; sweet and excellent flavor. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.



HOLLOW CROWNED PARSNIP.

Peas.

Erbsen—Chicoros—Pirelli.

Culture. Peas, for an early crop, should be sown as soon as the ground is in working condition. Soil should be light and dry. For general crops the ground should be well manured the previous year. They are usually planted in double rows three or four inches apart, and covered to the depth of two and one-half to three inches. All wrinkled peas are superior and more delicate in flavor than those that present a full and perfect form; like sugar corn, the saccharine matter which they contain causes them to shrivel when dried, and they will remain much longer in season than the other kinds.

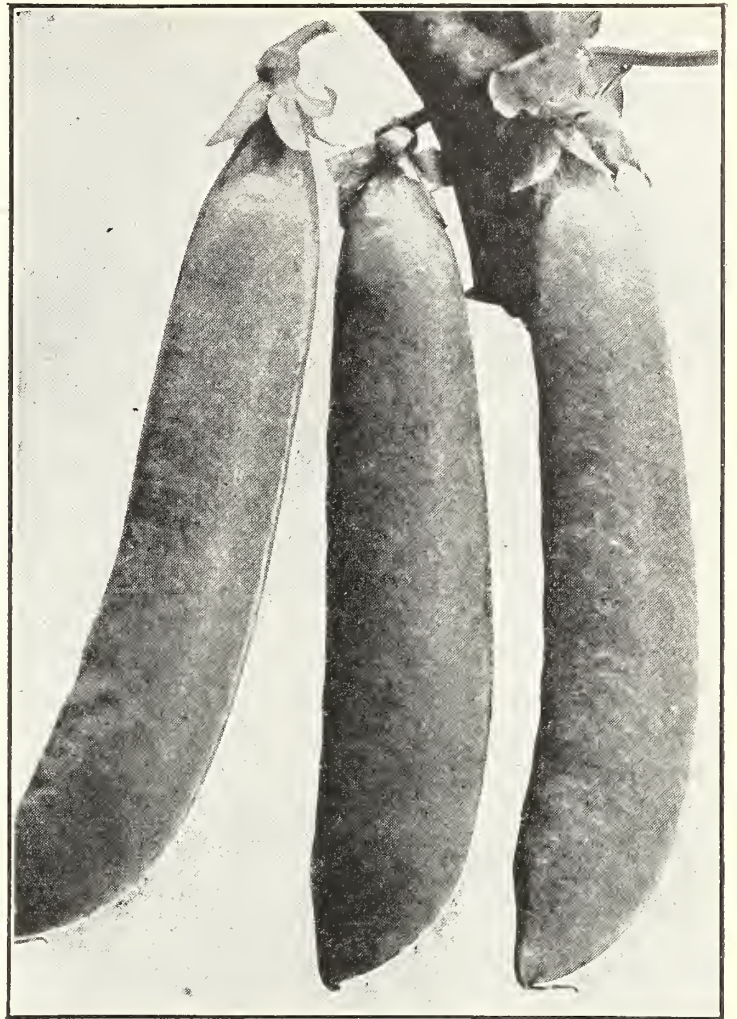
Earliest Peas.

Pkt. any variety Peas 15c. each
except where noted.

Two to Three Feet High.

Alaska, or Earliest of All. The earliest pea in cultivation, very hardy, seed small, round, bluish green, vines $2\frac{1}{2}$ to 3 feet high, pods $2\frac{1}{2}$ inches long, 4 to 6 peas in a pod. The crop matures evenly, mostly gathered in one picking. Price per pt., 30c.; per qt., 50c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

Pedigree Extra Early. This is the finest strain of extra earlies, only about two days later than Alaska; pods averaging slightly larger, vines $2\frac{1}{2}$ to 3 feet high, dry seed, white or manilla color, considered better quality than Alaska. Price per pt., 30c.; per qt., 50c.; 10 lbs., \$2.30; 100 lbs., \$20.00.



GRADUS PEAS

WORLD'S RECORD STRAIN.

Gradus. World's Record Strain. The earliest large-podded pea in cultivation. Vine about three feet, light green. Pods dark green, four inches long, peas extra size and delicious flavor. Price per pt., 35c.; per qt., 60c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

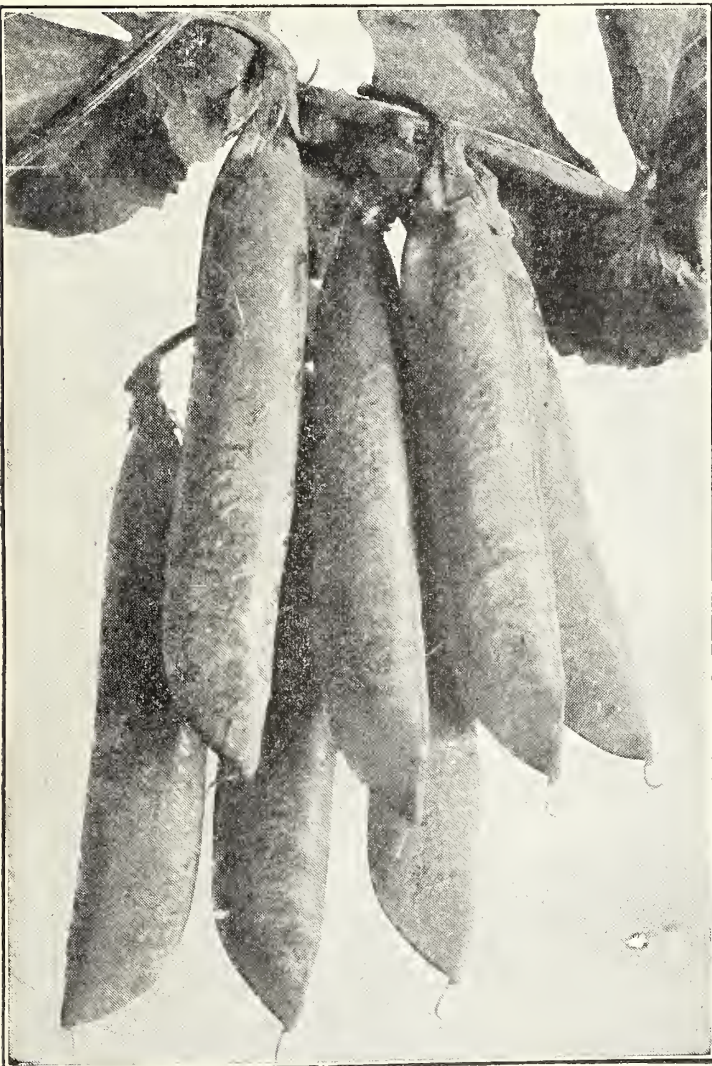
Thomas Laxton. Resembles Gradus somewhat in habit and rapidity of growth, earliness and luxuriance of foliage though darker and more productive, possibly three days later. Pods large, blunt ended, well filled, quality unsurpassed, seed wrinkled, cream color, tinged with green. Height three feet. Price per pkt., 35c.; per qt., 60c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

Peas, Dwarf.

Little Marvel. Resembles Nott's Excelsior, though larger in vine and growth, ordinarily fifteen to twenty inches high, pods borne in pairs, three inches long, very tightly filled. Price per pt., 35c.; per qt., 60c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

Laxtonian. A dwarf pea (eighteen inches) with large, dark green pods, four inches long. Matures about the same time as Gradus. A fine pea of superb quality for either private or market gardeners. Blue Bantam and Hundredfold belong to the same group, which is the highest quality class of dwarf peas. Our stock of this pea is especially fine. Price per pt., 35c.; per qt., 65c.; 10 lbs., \$2.70; 100 lbs., \$24.00.

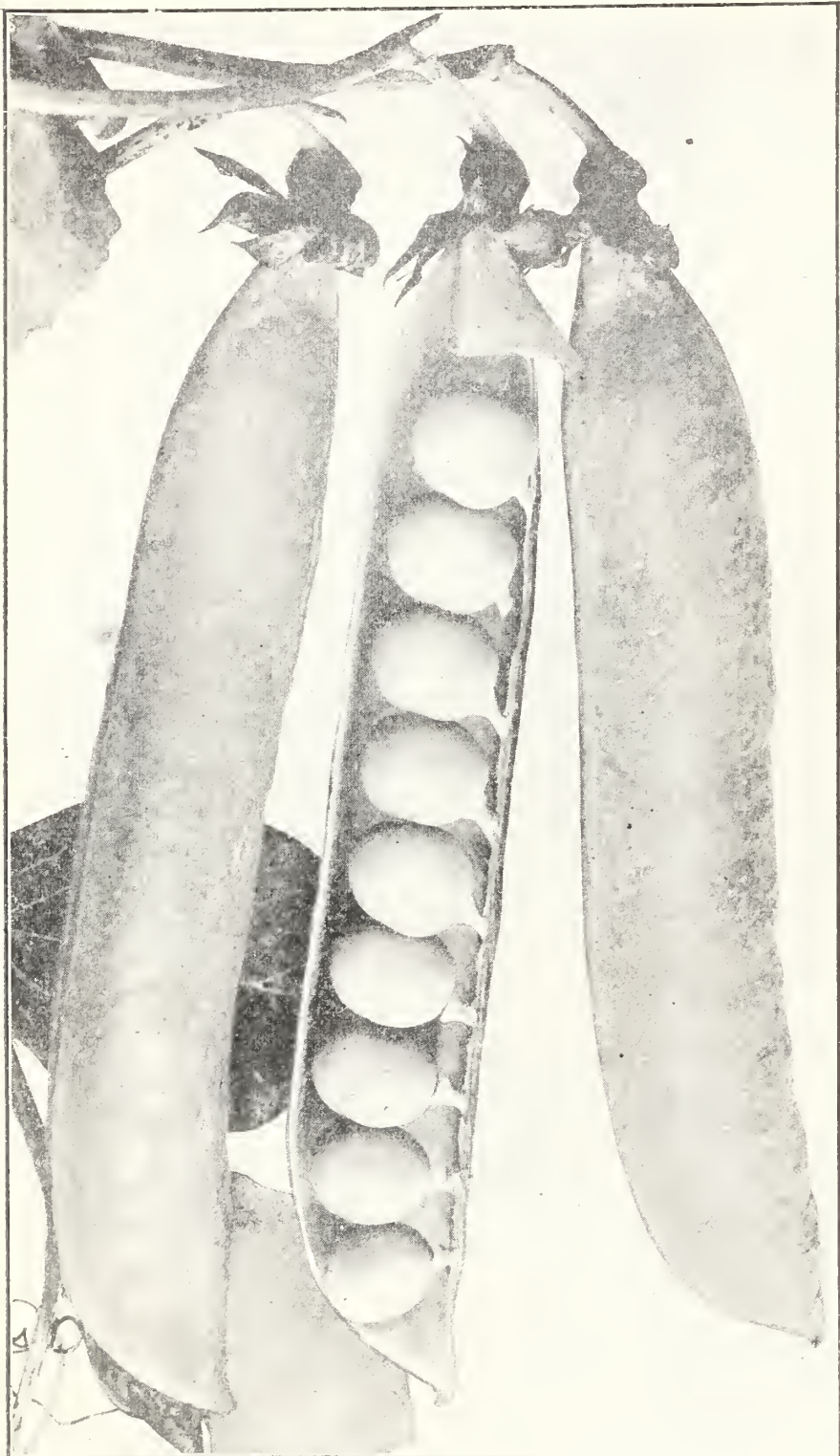
NOTE—Not less than 5 pounds at the 10-pound rate or less than 25 pounds at the 100-pound rate. Postage extra on Peas, Beans and Sweet Corn, except in pkts. Peas and Beans weigh about 2 lbs. per qt.; Sweet Corn, $1\frac{1}{2}$ lbs. Add for postage according to zone (see page 2).



LAXTONIAN PEAS.

Peas—Continued.

Pkts. any variety Peas 15c. each
except where noted.



TELEPHONE PEAS.

NOTE REGARDING OLD VARIETIES OF PEAS. We have discontinued several of the old varieties, such as Champion of England, Duke of Albany, White and Black-Eyed Marrowfat, Stratagem, Bliss Everbearing, Little Gem and other antiquated varieties still being called for. We recommend that you use the newer and better sorts. In Connecticut, for the past several years, early sorts have done better than late, for they are through before hot weather arrives. Peas do not thrive in hot weather.

EDIBLE PODDED PEAS.

Melting Sugar. Bears fleshy edible pods from four to five inches long and an inch wide. Very tender when young; cooked much the same as snap beans. The vines grow five feet long and require support. Price per pt., 30c.; per qt., 55c.; 10 lbs., \$2.30; 100 lbs., \$20.00.

PEAS FOR SOWING BROADCAST.

Canada Field. For field culture only. In their dry state they are used for feeding stock, making soups, etc. They are usually sown broadcast and often with oats or barley, cut and fed green, or left to ripen and then threshed. Price per qt., 25c.; 10 lbs., 90c.; 100 lbs., \$7.00.

Laxton's Progress. A new pea of the Laxtonian type, four days earlier, eighteen inches high, with deep green, broad pods four inches long, averaging eight, one more pea to the pod. It is of highest quality and productive. Seed supply this year very limited and not offered in large quantities. Price per pkt., 15c.; per pt., 40c.; per qt., 70c.; 10 lbs., \$2.90; 100 lbs., \$26.00.

Sutton's Excelsior. Large seeded, dwarf, early, wrinkled pea. Pods long, broad, straight, pale green vines. Price per pt., 35c.; per qt., 60c.; 10 lbs., \$2.50; 100 lbs., \$22.00.

American Wonder. One of the very dwarf, growing but ten to fifteen inches high; pods two and three-quarters inches long. Price per pt., 30c.; per qt., 55c.; 10 lbs., \$2.40; 100 lbs., \$21.00.

Early Premium Gem. (Improved Little Gem). Early, dwarf, good quality, similar to American Wonder. Price per pt., 30c.; per qt., 55c.; 10 lbs., \$2.40; 100 lbs., \$21.00.

Nott's Excelsior. Early, very dwarf, twelve to fifteen inches high, pods medium size, blunt ended, $2\frac{3}{4}$ inches long, tightly filled with 6 to 8 peas of high quality. Price per pt., 30c.; per qt., 55c.; 10 lbs., \$2.40; 100 lbs., \$21.00.

General and Late Crop.

Two and one-half to Five Feet High.

Telephone. Extra fine, large, dark green pods, $4\frac{1}{2}$ inches long, of highest quality. Vine, four feet. The standard for late crop. Various strains of Telephone Peas differ greatly. For appearance of pods, flavor and productiveness, our stock is equal to the best. Price per pt., 30c.; per qt., 55c.; 10 lbs., \$2.40; 100 lbs., \$21.00.

Alderman. A tall-growing late variety of the large, broad-podded, dark green type; very prolific. Price per pt., 30c.; per qt., 55c.; 10 lbs., \$2.40; 100 lbs., \$21.00.

Prince Edward. Height four feet. One of the largest podded peas. Vines make a rank growth under good cultivation and yield abundantly. Pods $4\frac{3}{4}$ inches long and broad, filled with peas of corresponding size. Price per pt., 30c.; per qt., 55c.; 10 lbs., \$2.40; 100 lbs., \$21.00.

Peas belong to the legume family, and can be inoculated with Cultures, enabling them to improve the soil supply of nitrogen. This should be taken advantage of, especially in large plantings. See page 37.

Peppers.

Pkts. any variety Peppers
10c. each
except where noted.

Pfeffer—Pimiento—Peperoni.

Peppers should be started under glass. Transplant into the open ground towards the close of May, having the rows eighteen inches apart; plant a foot apart in the rows. The ground should be made very rich, either by high manuring before the plants are transplanted, or by the liberal application of guano or liquid manure afterwards.

Harris' Earliest. A very prolific pepper, earlier than Neapolitan, of the Bull Nose form. Fruits three and one-half inches high by two and one-half inches in diameter; three lobed and sweet. Plants small and compact. Price per pkt., 10c.; per oz., 60c.; per ¼-lb., \$1.60; per lb., \$6.00.

Early Giant. A new, valuable, very early pepper; earlier and more productive than any other large-fruited variety. The sweet thick-fleshed fruits average 5 inches long by 3½ inches in diameter. The plant is sturdy and compact, 24 inches tall. It is the greatest development in peppers in many years and is bound to supersede many of the older varieties, both for home and commercial use. Price per pkt., 10c.; per oz., 55c.; per ¼-lb., \$1.50; per lb., \$5.50.

Neapolitan. Very early; large, slightly tapered, sweet thick flesh, productive. Price per oz., 40c.; per ¼-lb., \$1.00; per lb., \$3.75.

Ruby King. Very mild; the peppers attain a large size. When ripe they are bright ruby red. A few days earlier than Ruby Giant and one of the most extensively grown for market. Price per oz., 35c.; per ¼-lb., \$1.00; per lb., \$3.50.

Ruby Giant or Worldbeater. A cross of the Chinese Giant and Ruby King. A very large, sweet mango pepper. Ideal shape, thick flesh and more prolific than Chinese Giant. The finest large sweet pepper of all. Price per oz., 40c.; per ¼-lb., \$1.10; per lb., \$4.00.

Large Bell or Bull Nose. (Hot Strain). An early variety, fruit three to five inches long, flesh thick and pungent. Price per oz., 40c.; per ¼-lb., \$1.10; per lb., \$4.00.

Chinese Giant. The largest variety known. It is one of the square-shouldered type, thick, sweet flesh. Price per oz., 65c.; per ¼-lb., \$1.75; per lb., \$6.50.

Sunnybrook. An improved squash or tomato-shaped pepper, twice the size of the old sort, and the thickest walled of all peppers. Fruits 3 to 3½ inches diameter by 2½ to 3 inches deep. Absolutely sweet. Per oz., 60c.; ¼-lb., \$1.60; lb., \$6.00.

Celestial. Fruit ornamental, small, upright; color white, changing to yellow and then scarlet when ripe. The peppers are very mild. Price per oz., 60c.; per ¼-lb., \$1.50.

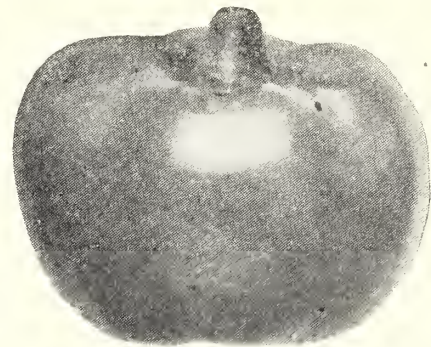
Red Cherry. A small round variety of dwarf growth, very piquant and quite ornamental. Per oz., 60c.; per ¼-lb., \$1.50.

Mammoth Cayenne. (Anheim Chili). Fruit hot, bright red, five to six inches long by one thick at the stem and tapering to a point. Price per oz., 60c.; per ¼-lb., \$1.50.

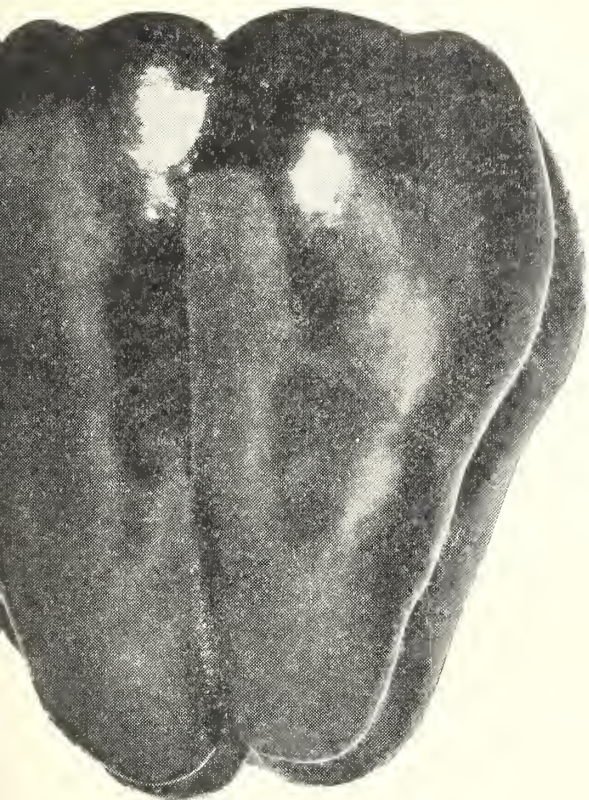
Tabasco. The hottest of peppers, small, bright red when ripe. Price per oz., 60c.; per ¼-lb., \$1.50.

Small Chili. Very piquant and prolific. Price per oz., 60c.; per ¼-lb., \$1.50.

Red Cluster. Small thin peppers of a coral red color; very hot and pungent. Price per oz., 60c.; per ¼-lb., \$1.50.



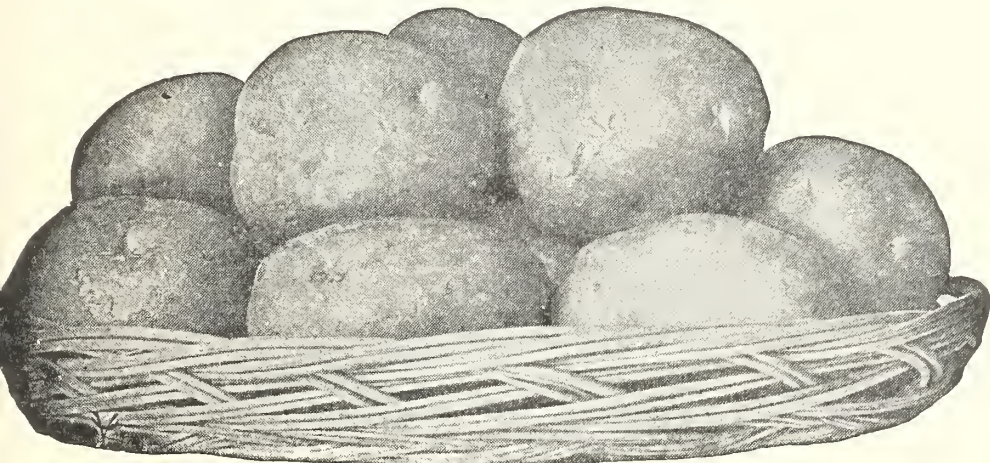
SUNNYBROOK PEPPER.



RUBY GIANT PEPPER.



RED CLUSTER.

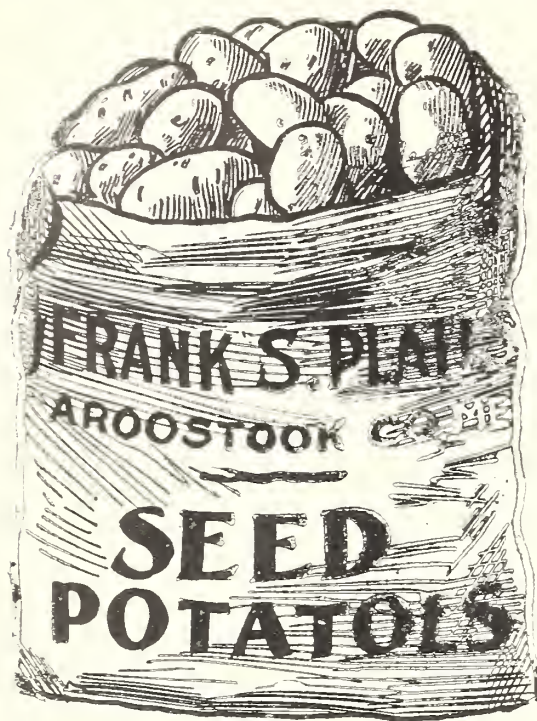


POTATOES.

Potatoes.

As prices of potatoes fluctuate according to supply and demand, it is impossible to make prices for seed stock that will hold throughout the planting season. Catalogue goes to press in December. Quotations will be given on application. All our seed stock is northern grown by specialists and sold at very close prices. Orders booked in advance are usually lowest.

Irish Cobbler. A very prolific, early, round, white. We have arranged for a supply of certified seed stock of this popular sort.



Potatoes—Continued.

New Queen. Early, oblong, light pink.

Early Norther. Large size, oblong, light pink.

Early Rose. True stock, grown in Maine.

Beauty of Hebron. A large, oval, pink skin variety.

Gold Coin. Large, oval, cream white, second early and good for main crop.

Delaware. Large, white, and late.

Spaulding Rose. Large, oval, pink skin.

Green Mountain. Vines strong and vigorous; tubers white, smooth and large. Will have a supply of certified seed stock of this staple variety, also stock grown from certified seed at about 20c. per bushel less.

Pumpkin.

Pkts. any variety
Pumpkin 10c. each

Kurbis—Calabaza—Zucca.

Plant about the middle of spring in manured hills eight feet apart, and leave but two or three plants in a hill; or plant in spring with Indian corn. Avoid planting near other vines.

Sugar. (New England Pie). Small, orange-colored, sweet and fine grained, finest quality. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Winter Luxury. Medium size, round, russet yellow, netted skin, excellent keeper, high quality. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.



SUGAR PUMPKIN.

Large Cheese.

Cheese shape, creamy yellow color, flesh fine grained. Per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.



LARGE CHEESE

Connecticut Field. Large, round, orange yellow. A productive sort, principally for feed; not equal in quality to Large Cheese or Winter Luxury for pies. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Winter Crookneck or Cashaw. A large two-foot-long, fine grained class of pumpkins, equally good for cooking (especially for pies) as well as stock feeding. The long neck is always solid; is very prolific and a good keeper. The white or cream color are the favorite. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 35c.; per lb., \$1.25.

Large Tours or Mammoth. A very large, productive variety. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 35c.; per lb., \$1.25.

King of Mammoths, Jumbo or Potiron. One of the largest pumpkins; slightly ribbed, skin salmon-orange, flesh bright yellow. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 40c.; per lb., \$1.50.

Radish.

Rettig—Rabanos—Ravanelli.

Sow early varieties in the spring as early as the ground can be worked, in drills ten inches apart, covering the seed half an inch deep; thin the plants to an inch apart in the row, as they are more tender and succulent when grown quickly. A rich, moist, sandy soil should be selected, and frequently watered in dry weather. For a succession, sow every two weeks until midsummer.

Saxa Extra Early. Special strain for under glass. The earliest forcing sort; ready in eighteen to twenty days. Bright red, globe-shaped, small leaved; select stock. Does well outside for very early planting. Price per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 35c.; per lb., \$1.25.

Radish—*Continued.*

Pkts. any variety
Radishes 10c. each

Early Scarlet Globe. A splendid early radish either for forcing or outdoor; globe shaped, bright cardinal color, flesh white and remaining crisp for a long period, tops small; its fine appearance and quality have made it the most popular bunching sort. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Early Scarlet Turnip (White Tipped). Early, fine grain and flavor, round with white tip. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 90c.

Early Scarlet Turnip. Small, round, mild and crisp. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 90c.

Olive-Shaped Scarlet. Very early, oval in shape. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 90c.

French Breakfast. A quick-growing, oval-shaped radish, light color and white tip. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 25c.; lb., 90c.

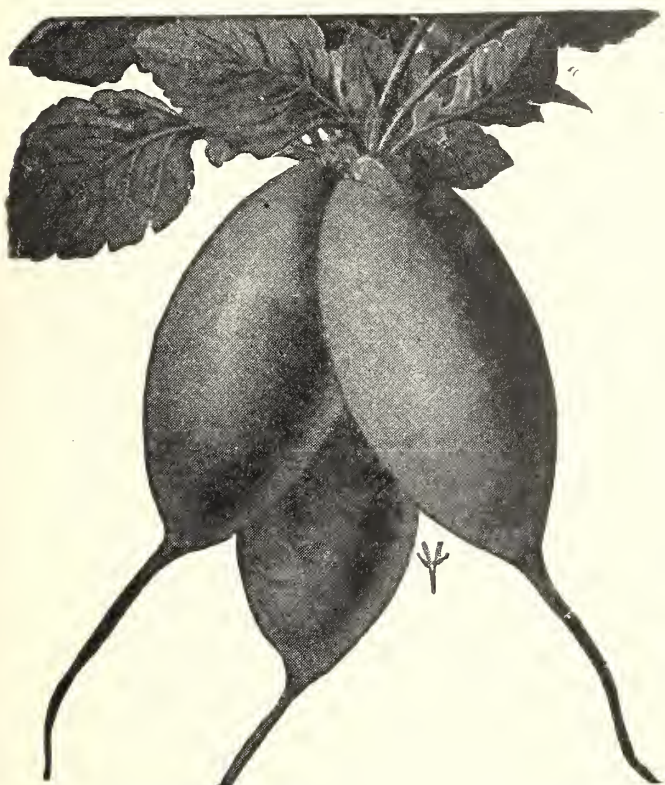
Early Long Scarlet Short Top. Bright red color, very small tops. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 90c.

Chartier or Shepherd. An early summer variety; deep pink, white at the tip. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 90c.

Olive-Shaped White Forcing (Earliest White). Very mild and fine for forcing or outside planting. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

White Icicle. The roots grow about four inches long and are ready for use within twenty-two days from the time of sowing. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

White Summer Turnip. Round, pure white. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.



OLIVE-SHAPED SCARLET RADISH.



SCARLET GLOBE RADISHES.

Stuttgart. A large round, white, solid variety for summer use, but keeping well into fall or winter. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

White Strasburg. Five inches long, thick at shoulder, tapering abruptly, pure white, firm and brittle; grows to large size. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 30c.; per lb., \$1.00.

Mixed Radish Seed.

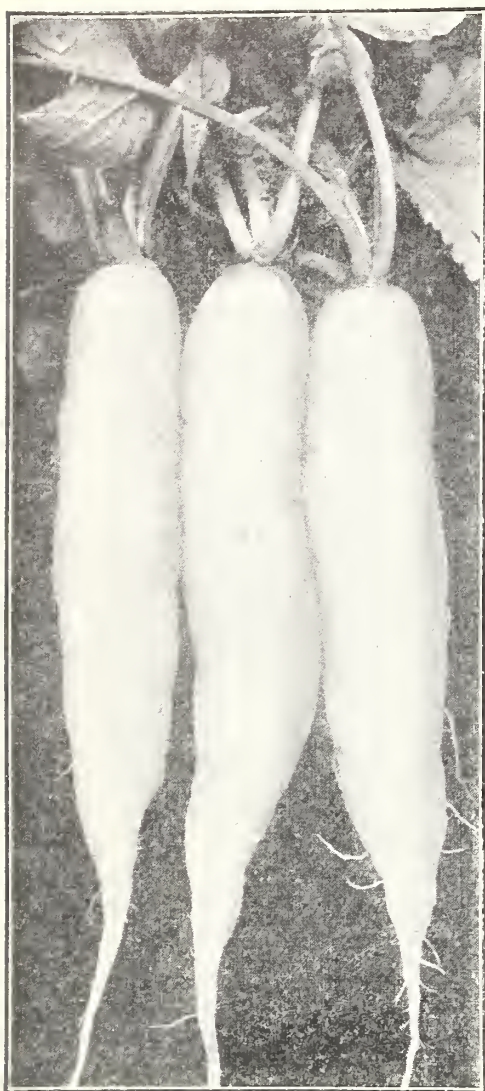
This is a mixture of the different varieties. It is prepared for those who want some of several kinds, but not a full planting of any one variety. As they mature irregularly the plantings may be less frequent.

Round and Olive. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 85c.

Long. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 85c.

Winter. Price per oz., 15c.; per $\frac{1}{4}$ -lb., 25c.; per lb., 85c.

Pkts. any variety Radish 10c. each.



ICICLE RADISH.

Winter Radishes.

Black Spanish (Round). For winter use; texture firm and solid. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 90c.

Black Spanish (Long). Like the above, differing only in shape. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 90c.

China Rose or Winter. Very fine for winter use; large and tender. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 90c.

White China or Celestial. A winter sort, grows six to eight inches long, 2½ to 3 inches in diameter, and keeps well. Price per oz., 15c.; per ¼-lb., 30c.; per lb., \$1.00.

Rape--English.

Forage plants of great value. Its fattening properties about twice that of first-class clover. Of rapid and luxuriant growth, attaining a height of two or three feet. It may be sown throughout the season, and in a few weeks from sowing, stock can be turned in on it. For broadcasting, sow ten pounds to the acre; in drills, five pounds.

Dwarf Essex. Used also for greens and salad. Price per lb., 25c.; per 10 lbs., \$2.00; per 100 lbs., \$18.00.

Rhubarb or Pie Plant.

Rhubarb, familiarly known as Pie Plant, or Wine Plant, is cultivated in gardens for its leaf stalks. Rhubarb succeeds best in deep, somewhat retentive soil, and the richer this is, the better. Sow in drills an inch deep, and thin out the plants to six inches apart. In the fall, or spring, transplant into very highly manured soil, setting them three feet apart each way, and give a dressing of coarse manure every fall. The stalks should not be gathered until the second year.

Myatt's Victoria. Price per pkt., 10c.; per oz., 15c.; per ¼-lb., 50c.; per lb., \$1.50.

Salsify or Oyster Plant.

Sow in early spring, in light, rich soil, in drills fourteen inches apart; thin the plants to three inches in the row. The roots will be ready for use in October; and, like the parsnip, improve by remaining in the ground through the winter.

Mammoth Sandwich Island. Roots grow long, smooth and white. Price per pkt., 10c.; per oz., 25c.; per ¼-lb., 70c.; per lb., \$2.50.

Long White French. Large, smooth and white. Price per pkt., 10c.; per oz., 25c.; per ¼-lb., 70c.; per lb., \$2.50.

Sorrel.

Sow early in spring in drills. It is perennial and runs quickly to seed unless kept cut close.



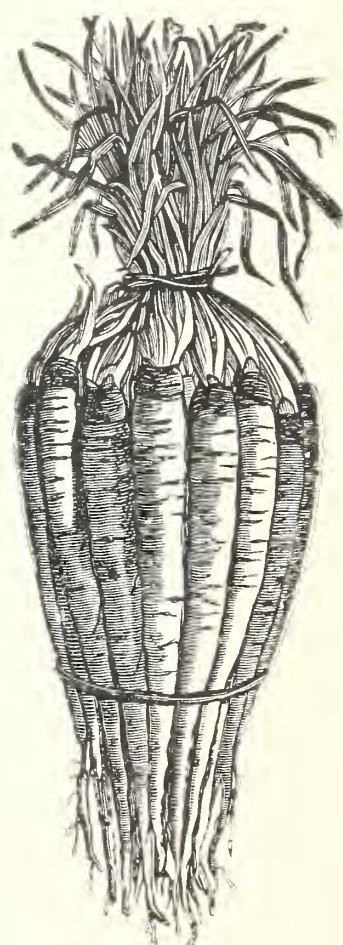
NEW ZEALAND SPINACH.

Large French. Price per pkt., 10c.; per oz., 20c.; per ¼-lb., 50c.; per lb., \$1.75.

Spinach.

(Get special rates on 100-lb. lots).

For the summer crop sow early in March, and at intervals of a fortnight, till the middle of July, in quantities according to the demand. The round-seeded varieties are the best for summer use. The winter crops should be sown from the middle of August to the beginning of September. It should always be sown in drills, and from twelve to eighteen inches apart, scattering the seed thinly and covering them with the finest soil. Protect the winter crops on the approach of severe frosts.

SALSIFY
OR OYSTER PLANT.



RESELECTED NORFOLK SAVOY SPINACH.

Spinach—Continued.

Giant Thick Leaf. Large, heavy heads, very early, smooth-leaved, medium green. Price per pkt., 10c.; per ¼-lb., 15c.; per lb., 40c.

Norfolk Savoy Leaved. Reselected. (Bloomsdale). A handsome, very early, productive and the hardiest, crumple-leaved, dark green. It is the standard sort for fall sowing and to winter over. Also for early spring seeding, but not later, on account of its running to seed quickly in warm weather. Per pkt., 10c.; ¼-lb., 15c.; lb., 40c.

Savoy Long Standing. A valuable selection from Savoy to eliminate the plants which bolt to seed early. This strain will stand from seven to ten days longer than the regular and produces a heavy crop of handsome appearance. Price per pkt., 10c.; ¼-lb., 15c.; lb., 45c.

Virginia Savoy Spinach. A yellows-resistant strain of interesting history brought about by the crossing with a Manchurian sort. The Virginia Truck Experiment Station is continuing its work, with constant improvement in the type. It is, therefore, important to secure seed, as we offer only one generation removed from the stock seed. Spinach yellows has been a serious trouble in New England. Price per pkt., 10c.; per ¼-lb., 15c.; per lb., 45c.

Victoria. A very large, round, crumpled-leaved, dark green plant, spreading well on the ground, slow to shoot to seed. Price per pkt., 10c.; per ¼-lb., 15c.; per lb., 40c.

King of Denmark Spinach. A spinach for late spring sowing; the plants are slow to run to seed. The leaves are large, round, dark green and crumpled or savoyed. Per pkt., 10c.; per ¼-lb., 15c.; per lb., 40c.

Princess Juliana. This new spinach is compact, having a very short petiole (leaf stem), extremely dark green leaf of heavy substance and crumpled. It is a slow grower, being fully ten days later than King of Denmark, which makes it valuable for late spring and early summer use, when other sorts would bolt to seed. Price per pkt., 10c.; per ¼-lb., 15c.; per lb., 45c.

New Zealand. A branching plant of thick, fleshy, succulent growth. It is not strictly of the spinach family. Used same as spinach; flourishes under the heat of summer, and continues growing vigorously in most any kinds of soil until killed by frost. The young branches are cut off as required. Price per pkt., 10c.; per ¼-lb., 25c.; per lb., 85c.

Note. Market growers' special prices on spinach in 10-lb. lots and over quoted on application.

Squash.

Speise Kurbis—Calabaza—Zucche.

Pkts. any variety Squash
10c. each

The squash is a very tender vine and so sensitive that it cannot be planted out with safety until the weather becomes warm and settled. Plant in hills ten feet apart for running varieties; five feet for bush sorts; working some fine rich manure into each hill. Sprinkle liberally with plaster, wood ashes, or air-slacked lime, in the early stages of growth. Cultivate until runners are well started.

Yellow Bush Scallop Summer. One of the earliest; grows flat, with scalloped edges. Price per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.00.

White Bush Scallop. Like the above in everything except color, which is creamy white. Price per oz., 15c.; per ¼-lb., 35c.; per lb., \$1.00.

Early Summer Crookneck Bush. Early and productive; moderately warted golden yellow, 12 to 14 inches long. Per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.25.

Giant Crookneck. (Summer). Early yellow and warted; rapid growing; attains large size, average 16 to 20 inches. Per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.25.

Fordhook Bush. Eight to ten inches long, cream color outside and straw yellow within. For summer and fall use, very dry and sweet. Price per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.25.

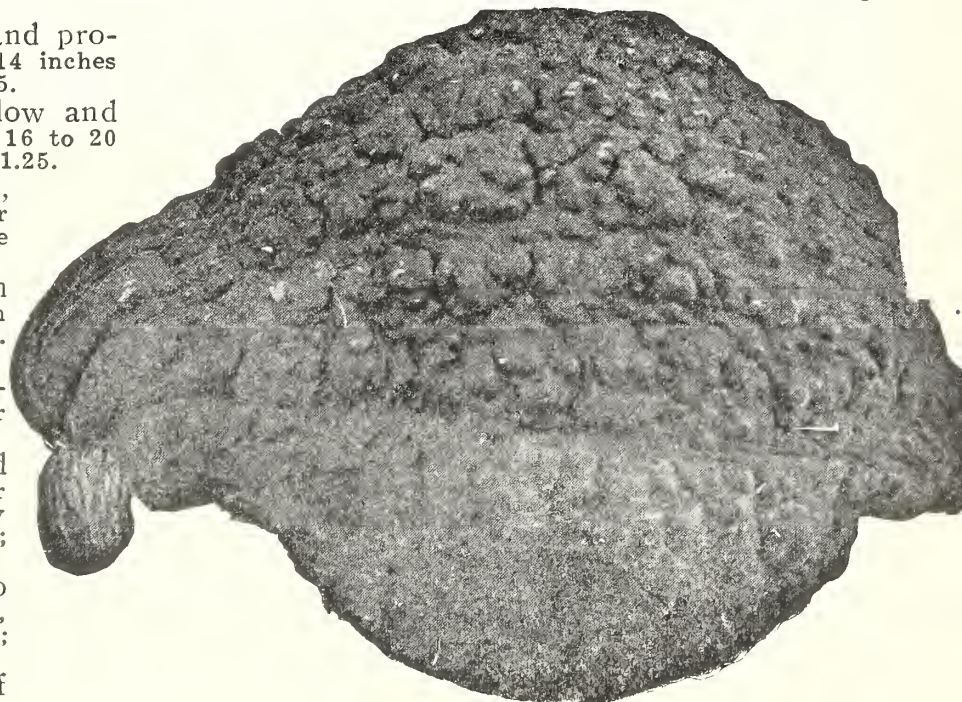
Delicious. Fall or winter sort, of medium size, 6 to 10 lbs. each, top shaped, dark green shell, flesh thick bright yellow, dry and sweet. Per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.25.

Hubbard. Dark green, hard-shelled variety; flesh fine grained, dry and of good flavor. Per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.25.

Warted Hubbard. Similar in shape and color to the original Hubbard Squash, but larger fruits, with hard, roughly warted surface. Quality of flesh is equal to any of its class. Per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.25.

Golden Hubbard. In color a bright deep orange yellow. Flesh golden yellow and fine grain, excellent flavor. Per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.25.

Boston Marrow. A superior fall squash, of rich orange color, and very productive. Per oz., 15c.; per ¼-lb., 40c.; per lb., \$1.25.



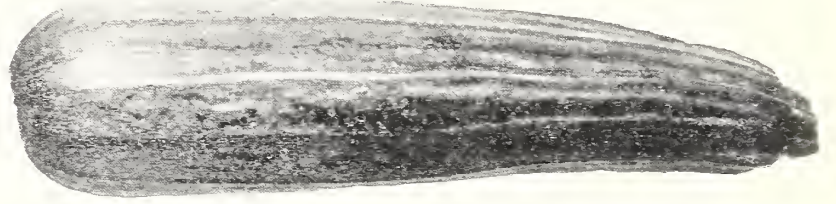
WARTED HUBBARD.

Squash—*Continued.***VEGETABLE MARROWS.**

English. Very prolific; smooth, cream colored skin; maturing between the early summer and winter sorts. The fruits are best for the table when young or half matured. Price per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 40c.; per lb., \$1.35.

Italian (Cocozelle Long Green Bush). Grows from ten to twenty inches long; diameter about four inches; skin smooth, dark green color, marbled yellow or pale green. Per pkt., 10c.; per oz., 15c.; per $\frac{1}{4}$ -lb., 40c.; per lb., \$1.35.

Italian Cocozelle Longe. This is the favorite Italian Marrow and generally allowed to run over brush supports or fences. It is quite ornamental, when trained over the pergola or arbor, furnishing both shade and edible fruits; cream color, two to three feet long and three to four inches in diameter. Per pkt., 10c.; per oz., 45c.; per $\frac{1}{4}$ -lb., \$1.25; per lb., \$4.50.

**COCOZELLE LONG GREEN BUSH.****Tobacco.**

Sow the seed in frames the latter part of March, or in the open ground when the soil has become settled and warm. Keep well watered, and when the plants are two inches high they may be transplanted in rows three feet apart each way. Tobacco requires a very rich, light, mellow soil.

Connecticut Seed Leaf. The popular variety in this vicinity, produces a very heavy crop of the fine broad leaves, mostly used for cigar wrappers. Per pkt., 10c.; per oz., 40c.; per $\frac{1}{4}$ -lb., \$1.10; per lb., \$4.00.

Havana. An excellent variety; leaves narrow, long and pointed. Price per pkt., 10c.; per oz., 40c.; per $\frac{1}{4}$ -lb., \$1.10; per lb., \$4.00.

Tomato.*Liebesapfel—Tomatoes—Pomodoro.***SPECIAL EARLIANA.**

To obtain fruit very early, sow the seeds in greenhouse during February or March, or in hotbed when season has sufficiently advanced. In about five weeks plants should be transplanted to another hotbed, until about the middle of May, when they may be put into the ground in hills, about four feet apart each way. The richer the soil the ranker will be the growth of the vines, but an ordinary warm, light soil, with fine, well-rotted manure in the hill, and a sunny location, will produce the more handsome and plentiful fruit.

Earliana. The best and most extensively grown extra early. Fruits medium in size, bright red. Vines usually through bearing or dead by September first. The most important feature of Earliana is its extreme earliness, with as firm smooth fruits as can be had, without sacrificing this feature. The seed we of-

fer is a fine strain. It has been produced with care to combine these features to a remarkable extent. Price per oz., 40c.; per $\frac{1}{4}$ -lb., \$1.10; per lb., \$4.00.

Earliana Special. A strain we have a very limited amount of, on which has been spent much time in individual plant selection, resulting in greater uniformity, smoothness and productiveness than in any other strain we have ever seen. It is undoubtedly profitable for market growers to use such seed when obtainable. Price per pkt., 15c. per oz., \$1.00; per $\frac{1}{4}$ -lb., \$3.00; per lb., \$11.00.

Bonny Best. An early, round, smooth, bright scarlet Tomato, similar to Chalk's Early Jewel; about a week earlier and slightly smaller, producing especially well the early clusters of 3 to 5 attractive, solid fruits. Price per oz., 40c.; per $\frac{1}{4}$ -lb., \$1.10; per lb., \$4.00.

Chalk's Early Jewel. Medium size, bright red, smooth and solid; vines vigorous and heavy cropper, production continues over a long season, the best all-around second early. For many years a system of plant selection has been carried out in the growing of our tomato seed that has resulted in remarkably fine strains. The Chalk's Early Jewel has received particularly rigid selection. You will find this stock exceptionally fine. Price per oz., 40c.; per $\frac{1}{4}$ -lb., \$1.10; per lb., \$4.00.

Pkts. any variety Tomato 10c. each, except where noted

Tomato—Continued.

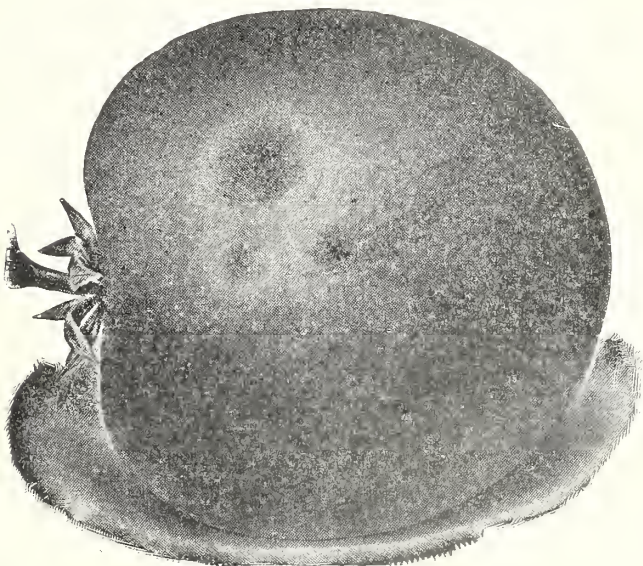
Pkts. any variety Tomato
10c. each, except where noted



A SELECT STOCK OF CHALK'S EARLY JEWEL TOMATO.

John Bear. An excellent quality; firm, good-sized, smooth, scarlet fruited tomato. A selection from Chalk's Early Jewel; exceptionally productive and one of the best second early or main crop tomatoes for market and canning. Price per oz., 40c.; per $\frac{1}{4}$ -lb., \$1.10; per lb., \$4.00.

Dwarf Champion. Plant of compact, upright growth; fruits in clusters of 3 to 5; smooth, solid, medium-sized, pink-fruited, ripening with the second earlies and main crop sorts. Price per oz., 40c.; per $\frac{1}{4}$ -lb., \$1.10; per lb., \$4.00.



LIVINGSTON'S GLOBE.

Improved Stone. Large, bright, scarlet, very smooth, ripening evenly; solid and firm. This most important main crop variety has received the same rigid selection that has been carried out on our Chalk's Early Jewel, with the result of making it the finest stock we know of, notwithstanding many

so-called new sorts, for which great claims are made. Price per oz., 40c.; per $\frac{1}{4}$ -lb., \$1.10; per lb., \$4.00.

Livingston's Beauty. Purplish pink, large size, and smooth. Price per oz., 35c.; per $\frac{1}{4}$ -lb., \$1.00; per lb., \$3.50.

Acme. Very prolific; in color a purplish crimson, very smooth and solid. Price per oz., 35c.; per $\frac{1}{4}$ -lb., \$1.00; per lb., \$3.50.

Livingston's Globe. Mid-season, large size, very smooth, firm fleshed, few seeds, color purplish pink and extensively used by shippers in the south. Price per oz., 45c.; per $\frac{1}{4}$ -lb., \$1.25; per lb., \$4.50.

Ponderosa. This excels in size, weight and solidity. Its color is purplish pink, and almost seedless. Price per oz., 55c.; per $\frac{1}{4}$ -lb., \$1.50; per lb., \$5.50.

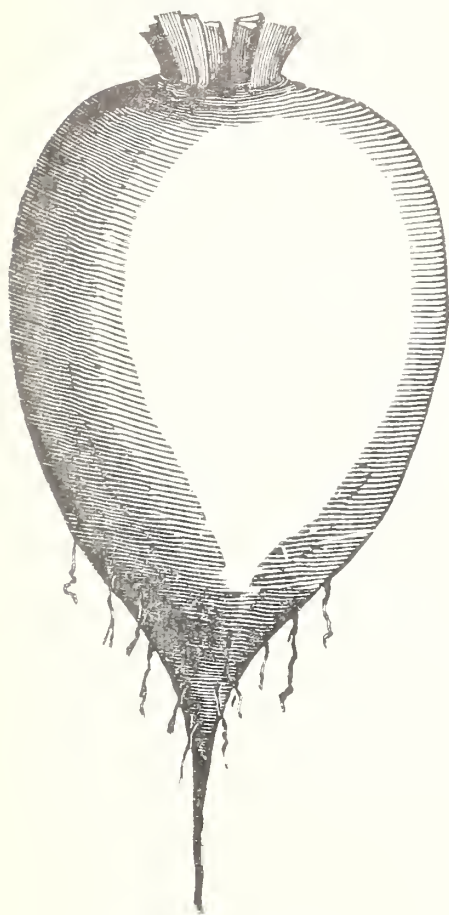
Golden Queen. A good yellow sort of first quality. Solid, very smooth, large and ripens early. Price per oz., 40c.; per $\frac{1}{4}$ -lb., \$1.10; per lb., \$4.00.

Yellow Pear. Pear shaped and used for pickling or preserving. Price per oz., 50c.; per $\frac{1}{4}$ -lb., \$1.35; per lb., \$5.00.

Red Plum. Similar to the Pear, except in shape, which is full at top instead of tapering, and used for the same purposes. Price per oz., 50c.; per $\frac{1}{4}$ -lb., \$1.35; per lb., \$5.00.

Red Cherry. A small, round, red tomato; size and shape like a cherry. Price per oz., 50c.; per $\frac{1}{4}$ -lb., \$1.35; per lb., \$5.00.

Strawberry or Ground Cherry. This grows in a husk or pod, and may be kept all winter if the husks are not removed. The fruit is yellow and has a very sweet, pleasant flavor; may be eaten raw, but is generally used for preserves. Price per oz., 50c.; per $\frac{1}{4}$ -lb., \$1.35; per lb., \$5.00.



WHITE EGG TURNIP.

Red Top White Globe. Pure white with a red top, excellent table variety. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 85c.

Golden Ball. Rapid grower, globe shaped, and of a deep yellow color, finest quality. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 85c.

Yellow Globe. Grows to a large size, light yellow, and is one of the best for general crop. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 85c.

Yellow Aberdeen. (Green Top). This is globe shaped and a good keeper. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 85c.

Seven Top. Cultivated for its abundance of tops, which are used for greens when young. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 85c.

Swedish or Ruta Baga Varieties.



EARLY RED-TOP STRAP LEAF.

White French. Sometimes called White Rock, on account of its firmness and solidity; flesh pure white, mild, very sweet. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 90c.

Turnip.

Rube—Nabo—Rape.

Pkts. Turnips 10c. each

For early use, sow as soon as the ground can be worked in the spring, in drills fourteen inches apart, covering but slightly, except in dry weather. The soil should be light, and, if possible, new. Manure with plaster, ashes or phosphate. Thin the early varieties to six inches apart, and the Ruta Bagas from eight to ten inches. For fall and winter use, the early kinds should be sown in July and August and the Ruta Bagas through June. Hoe them a month after sowing.

Platt's White Egg. It is an early; very smooth, fine grained, white oval turnip, as its name indicates, and is unsurpassed for table use. Originated in a field of Cow Horn turnips growing in the vicinity of New Haven in 1870. It was introduced into commerce by Mr. Platt in 1877, and is now offered in nearly every seed catalogue of importance in America and Europe. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 90c.

Early White Flat Dutch. A fine garden variety, differing from White Strap Leaf only in the shape of its leaf, which is broader and rough edged. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 85c.

Early Red-Top Strap Leaf. A good flat turnip for early or late culture, and grows to large size. The top of the turnip is red or purple. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 85c.

Long White or Cow Horn. A long, quick-growing turnip, fine grained, tender and sweet. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 85c.



GOLDEN RUTA BAGAS.

Platt's Golden Winter Ruta Baga. (The Best). This is the finest grained, hard, solid and sweet turnip; it is very productive and a good keeper; more wedge or spike shaped than any other sorts. Crop failed.

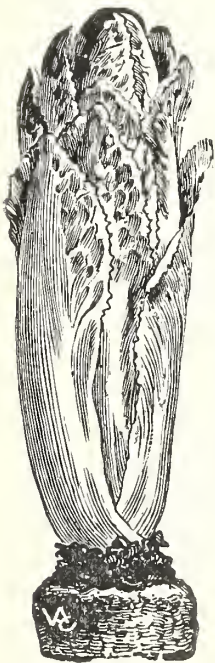
American Purple Top Ruta Baga. A very hardy strain, selected for small tops and neck, deep globe-shaped, flesh bright yellow, hard and sweet, excellent for table or stock feeding; very popular with market gardeners. Price per oz., 15c.; per ¼-lb., 25c.; per lb., 90c.

Witloof Chicory.

A crisp, Winter vegetable. Sometimes called French Endive. This makes one of the most delicious of all salads. It is also an excellent dish boiled. The seed is planted in May or June in the open ground and in the fall the roots are dug. The roots are then planted in earth in a dark cool place in the cellar or under greenhouse bench. Finely balanced, crisp leaves are then thrown out, and when cut new leaves form. The roots keep a long time and may be planted so that a fresh and delicious salad may be had all winter. Fancy fruit and vegetable dealers have imported this vegetable from France on account of its delicious flavor. Price per pkt., 10c.; per oz., 20c.; per ¼-lb., 60c.; per lb., \$2.50.



SAGE.



WITLOOF CHICORY.



SWEET MARJORAM.

Sweet, or Pot and Medicinal Herbs.

A few pot herbs, or sweet herbs, as they are usually called, should have a place in every vegetable garden. A very small space in the garden will give all the herbs needed in any family. The culture is very simple, and the best way is to make a little seed bed in early spring and set the plants out as soon as large enough. As a general rule, it is best to cut herbs when in flower, tie them up in small bunches and hang in the shade to dry.

The following is a list of herbs most cultivated and prized:

	Pkt.	Oz.	¼-lb.	Lb.
Anise	10c.	15c.	50c.	\$1.50
Balm	10c.	50c.	\$1.35	\$5.00
Sweet Basil	10c.	25c.	60c.	\$2.50
Borage	10c.	20c.	50c.	\$1.75
Caraway	10c.	15c.	35c.	\$1.00
Catnip	10c.	85c.		
Coriander	10c.	15c.	25c.	\$.90
Dill	10c.	15c.	25c.	\$.75
Sweet Fennell (large)	10c.	15c.	40c.	\$1.50
Horehound	10c.	40c.	\$1.10	\$4.00
Lavender (Vera) true	10c.	50c.	\$1.35	\$5.00
Sweet Marjoram	10c.	30c.	80c.	\$3.00
Rue	10c.	50c.	\$1.35	\$5.00
Sage, Broad Leaf English	10c.	25c.	70c.	\$2.50
Summer Savory	10c.	25c.	70c.	\$2.50
Thyme, Broad Leaf English	10c.	60c.	\$1.60	\$6.00
Wormwood	10c.	30c.	85c.	\$3.00

Inoculate all Legumes with "Nitragin".

A simple and profitable system of soil inoculation for all legumes: enriches the soil, increases the yield. Always state seed or group you wish to inoculate. Group A for Alfalfa, Sweet Clover. Group B, Red, Alsike, Crimson or White Clover. Group C for Garden Peas, Field Peas, Sweet Peas or Vetch. Group D for Garden Beans. Group E, Cow Peas, Velvet Beans or Lima Beans. Group S for Soja Beans. Price for all seeds in groups A, B, C, and D for size to treat ¼-bu., 40c.; size to treat 1 bu., \$1.00. Price for groups E and S, to treat 1 bu., 70c. Garden size for Peas, Beans and Sweet Peas, 20c. Postage on any size within 300 miles, 7c. extra.

Large returns
Small cost

Improve your crops

No labor expense
Easy to use

Increase your crops

Improve your soil

Mulford Cultures

FOR LEGUMES

Inoculation saves the cost of expensive nitrate fertilizers. Peas, beans, clovers and all plants of the legume family yield more and better crops when treated with nitrogen-fixing bacteria. This method is endorsed by federal and state agricultural departments. Inoculation will not take the place of all fertilizers or careful soil preparation and attention to the crop, but it does give a wonderful opportunity to co-operate with nature in supplying plants with the otherwise expensive element nitrogen. When ordering state kind of seed to be used on, as each group has its own culture. Descriptive circular will be mailed free on application. Cultures for the following:

Mulford Cultures are grouped in six groups. Always state seed or group you wish to inoculate. Group 1 for Alfalfa or Sweet Clover; group 2 for Red, Mammoth, Alsike White or Crimson Clover; group 3 for Canada Peas and Vetch; group 4 for Soja Beans and Garden Beans; group 5 for Cow Peas; group 6 is a special 35c. garden size for Garden Beans, Peas and Sweet Peas. Price of groups 1 or 2 for ½-bu. size, 60c.; 1-bu. size, \$1.00; 2½-bu. size, \$2.25. Price of groups 3, 4 or 5 for 1-bu. size, 60c.; 2-bu. size, \$1.00; 5-bu. size, \$2.25. Postage on any size up to 5 bu., 7c. extra for 300-mile limit.

The Frank S. Platt Company's

Choice Selection of

GRAINS, GRASSES AND FARM SEEDS

Our Special Mixture For Lawns, Permanent Pastures and Hay Are Unexcelled



Farm Seeds.

Prices on all grass and grain seeds subject to market fluctuations.

Sudan Grass. A forage crop of great value. Belongs to the sorghum family, is strictly an annual, 3 to 5 feet tall. Sow in drills or broadcast, 20 lbs. to the acre for hay or cutting green. When cut, grows again until frost. Price per lb., 20c.; per 100 lbs., \$12.00.

Evergreen Broom Corn. Best for general cultivation; brush fine and long. Price per lb., 20c.; per 100 lbs., \$15.00.

Sorghum or Early Amber Sugar Cane. Grows 10 to 12 feet high. Matures early and best adapted to the northern states, for syrup making. Used also for ensilage. Price per lb., 15c.; per 100 lbs., \$10.00.

Kaffir Corn. Both grain and fodder are excellent, the whole stalk tender to the full maturity of seed. The grain is used for feeding poultry. Price per lb., 10c.; per 100 lbs., \$5.00.

Flax Seed. Price per lb., 15c.; per 100 lbs., \$10.00.

Sunflower. Mammoth Russian. Large heads, grown for seeds. Per lb., 15c.; per 100 lbs., \$10.00.

Hemp. Price per lb., 14c.; per 100 lbs., \$9.00.

Vetches, Spring, or Tares. (*Vicia Sativa*). Of the Pea family, round black seeds. Usually sown with oats or barley for fodder. Culture same as field peas, two bushels per acre. Price per lb., 12c.; per 100 lbs., \$8.00.

Vetch, Sand, Winter or Hairy. (*Vicia Villosa*). Sow in early fall or spring, usually with rye for support; grows three to four feet and is ready to cut as soon as bloom appears, and again for seed. Price per lb., 28c.; per 100 lbs., \$23.00.

Peas, Canada Field. (See page 28). Price per quart, 25c.; per 100 lbs., \$7.00.

Whippoorwill. Southern Cow Peas. Is really a bean and should not be confused with Canada Field Peas. They are more tender than Soja Beans, which are better adapted to points north of New Jersey. Used for plowing under, sow 90 lbs. per acre. Price per lb., 12c.; per 100 lbs., \$7.00.

Soja Bean, Hollybrook or Midwest. We have found this to be one of the most desirable sorts for our northern states for use either as a forage crop or plowing in. The pods develop sufficiently if sown in May or June to add greatly to the food value. Price per lb., 12c.; per 100 lbs., \$7.00.



SAND, WINTER OR HAIRY
VETCH WITH RYE.

Spring Wheat.

Prices on all grains subject to market fluctuations.

Marquis. Beardless. This is the **\$1,000.00 Prize Spring Wheat**, and also graded A1 flour product at the Saskatchewan Baking Contest. It is a plump, hard, dark red berry, making a fine appearance in bulk. It matures about ten days earlier than our ordinary varieties, bearing its head of good size, well up on good stiff straw. Price per $\frac{1}{4}$ -bu., 90c.; per bu., \$3.25.

Winter Wheat.

Prices on all grains subject to market fluctuations.

Leap's Prolific. Beardless, golden chaff, grain hard; large dark red. Straw long and stiff; ripens early. Sow $1\frac{1}{2}$ bushels per acre. Price per bu., \$3.00.

Red Wave. Beardless, red chaff. Extra long heads, grain large dark red. Straw very stiff, ripens medium early. Yielded 49 bushels per acre in same field which produced 27 bushels of Dawson. Use $1\frac{3}{4}$ bushels per acre. Price per bu., \$3.00.

Klondyke. (Bald). White variety of great value; large berry and very productive. Price per bu., \$3.00.

Buckwheat.

Prices on all grains subject to market fluctuations.

Japanese. Straw heavier, branches more, and not sown thick as other kinds. Price per $\frac{1}{4}$ -bu., 80c.; per bu., \$2.75.

Silver Hull. Heavy yielder; berry is small, light, silvery gray color. Price per $\frac{1}{4}$ -bu., 80c.; per bu., \$2.75.

Common Gray. An old and well-known variety. Price per $\frac{1}{4}$ -bu., 70c.; per bu., \$2.50.

Spring Barley.

Prices on all grains subject to market fluctuations.

Two-Rowed Chevalier. Very large, plump berry. Per $\frac{1}{4}$ -bu., 75c.; bu., \$2.50.

Oderbrucker (Wisconsin No. 55). Six-rowed; heavy yielding sort, with long, full heads; stools freely; the protein content is very high, nearly twice the ordinary. Per $\frac{1}{4}$ -bu., 65c.; per bu., \$2.25.

Six-Rowed. Common. Per $\frac{1}{4}$ -bu., 60c.; per bu., \$2.00.

Beardless. Similar in appearance to the six-rowed varieties while growing, but the beard does not develop and it is much pleasanter to handle while harvesting and cleaning. It is also better for feeding, as stock do not suffer from the sharp needle-like spines. Per $\frac{1}{4}$ -bu., 75c.; bu., \$2.75.

Rye.

Prices on all grains subject to market fluctuations.

Spring. It is an excellent catch-crop where winter grain has been killed out, making good straw and fair yield of grain. Per $\frac{1}{4}$ -bu., 75c.; per bu., \$2.50.

FALL OR WINTER.

Rosen. A very superior and productive sort from Russia, introduced by the Michigan Agricultural College. The yield is often double that of the common. We exercise care to obtain only pure seed. Per pk., 70c.; per bu., \$2.50.

Choice Common. This is the ordinary variety sown in the fall. Our seed is choice re-cleaned stock. Per $\frac{1}{4}$ -bu., 50c.; per bu., \$2.25.

Oats.

Prices on all grains subject to market fluctuations.

Choice White. Per $\frac{1}{4}$ -bu., 35c.; bu., \$1.25.

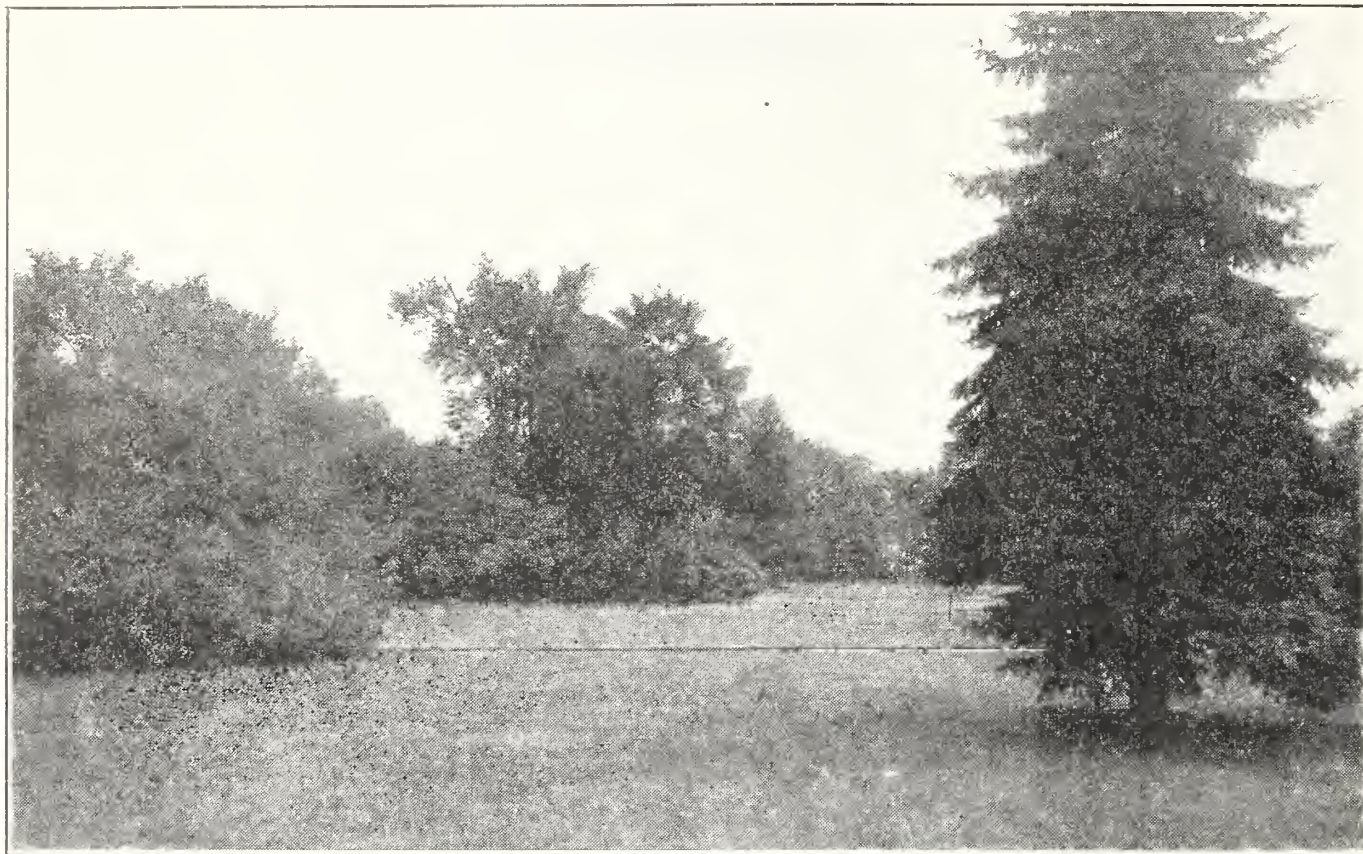
Swedish. Select. It will pay well where grain is desired to sow these heavy yielding oats; kernel white, very large, strong, stiff straw, where common have been grown the yield is often increased 25 to 50 per cent. Price per $\frac{1}{4}$ -bu., 45c.; per bu., \$1.50.



SWEDISH SELECT OATS.

OUR SPECIAL GRASS MIXTURES

Owing to Market Fluctuations We Will Give Special Quotations for Bulk Seeds.



Grass Seed for Lawns, Etc.

In laying out a piece of ground for a lawn, care should be exercised to obtain the proper grade and slope, and perfect the general plan of the ground before attempting to sow any seed at all. After the correct grade has been obtained and the surface sufficiently plowed or spaded, it should be thoroughly harrowed to pulverize the lumps and so left that there may be at least from five to ten inches of good rich soil over the whole surface. Then all the roots and loose stones should be removed, and the surface brushed or raked down perfectly smooth, and in a suitable condition for successful germination and growth of the fine seed, which is used for seeding. The preparation of most lawn seeds is composed of the finest kind of grasses, and for that reason should be sown much thicker than the coarse sorts that are used in field seeding. After sowing the seed, rake or harrow the surface lightly, and then roll thoroughly, to smooth off, and leave in good condition.

Platt's Evergreen Lawn Mixture.

This mixture is the finest in quality, heavy recleaned seed that we prepare for general situations. Weight 25 lbs. per bu. It is composed of a judicious combination of the short fine growing varieties that have proved most valuable. It is perfectly adapted to the soil and climate of New Haven, as evidenced by the many beautiful lawns and parks that have been developed and seeded with "Platt's Evergreen Lawn Mixture" for more than a quarter of a century. Use 4 bu. per acre, or 4 qts. per 1,000 sq. ft. Price per pt., 25c.; per qt., 45c.; per 1/8-bu., \$1.50; per 1/4-bu., \$2.50; per bu., \$9.00.

Edgewood Park Lawn Grass Seed.

Our special mixture. This formula is prepared on a well-balanced and carefully considered valuation of the fine dark green varieties in combination with our indigenous frost-proof, heat-resisting grasses, and we are satisfied that we have the very best combination of grasses for lawn making (without white clover) that our experience can produce. All the seeds used in this mixture are of exceptional purity, graded, fancy recleaned. On account of their concentrated character and purity, much less bulk is required for a given area; 80 lbs. per acre, or 2 lbs. per 1,000 sq. ft. Sold by weight only. Price per lb., 35c. per 10 lbs., \$3.30; per 100 lbs., \$30.00.

Country Club Golf Links.

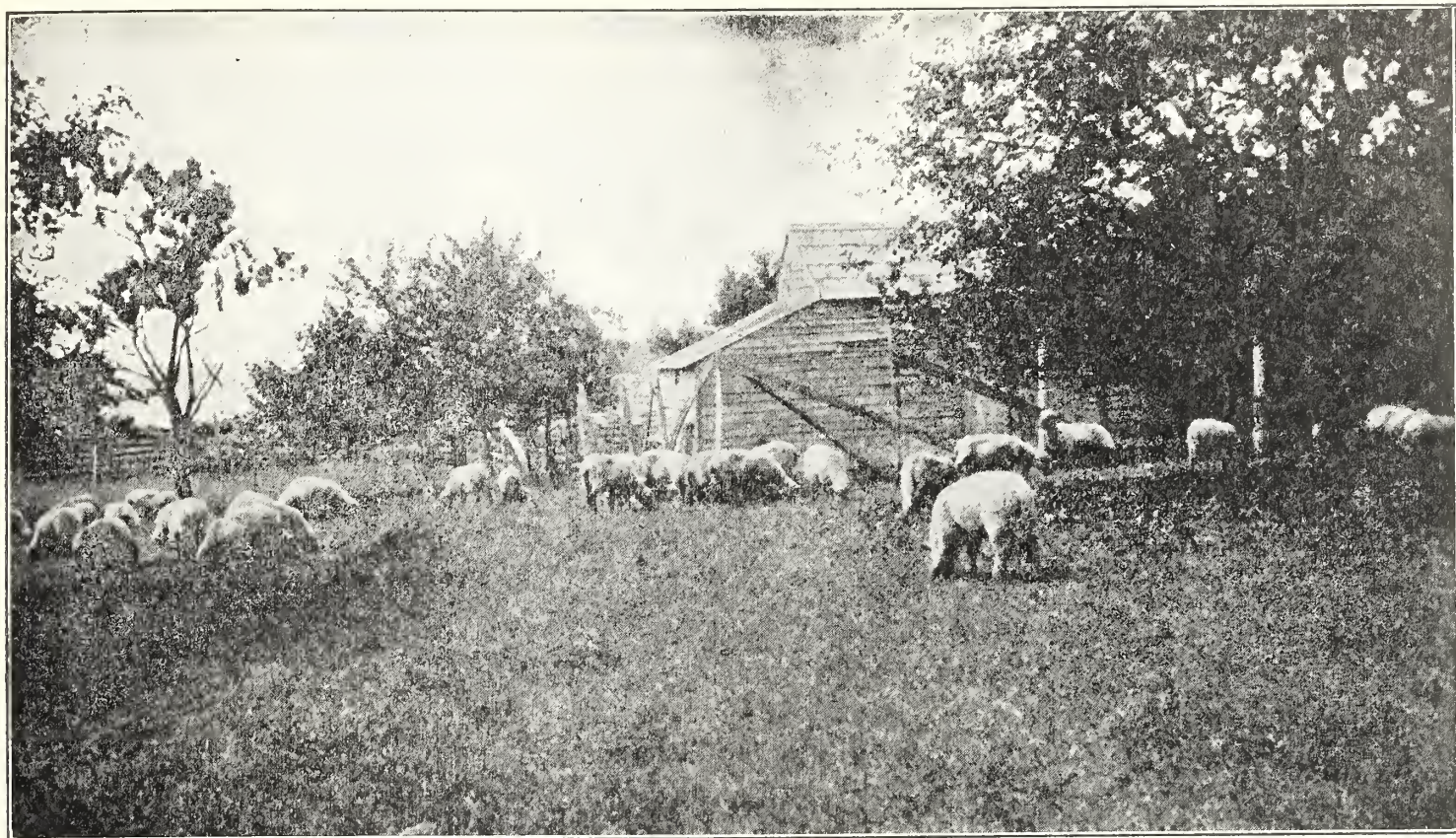
A good article for large areas, or seeding the grounds where economy must be considered. It is prepared with a well-balanced proportion of fibrous-rooted grasses that form a firm, tenacious turf. These varieties are not selected with especial reference to their height, as that feature is regulated by the lawn mower, but more particularly the turf-forming properties and continuity of development, thus insuring a succession of ripening. Per qt., 30c.; per 1/8-bu., \$1.00; per 1/4-bu., \$1.75; per bu., \$6.25.

Fine Lawn Grass Seed—Fine Mixture.

This is composed entirely of indigenous grasses of the finer grades, and in sufficient variety to produce throughout the spring, summer and autumn very satisfactory results. Weight, 18 lbs. per bu. Price per qt., 30c.; per 1/8-bu., \$1.00; per 1/4-bu., \$1.75; per bu., \$6.25.

Woody Crest or "Shady Nook."

Many beautiful lawns are marred by bare spots under trees and near ornamental shrubbery or buildings. Our Woody Crest is composed mainly of short fine grasses that abound in similar situations; made up exclusively for places that get but little sunshine. For best results the land must be dug deeply, removing roots of trees and vines, these being mainly responsible for lack of grass roots. A heavy coat of manure, dug in, and a dressing of bone, when seeding, should complete the necessary preparation. Weight per bu., 25 lbs. Price per pt., 25c.; per qt., 45c.; per 1/8-bu., \$1.60; per 1/4-bu., \$2.75; per bu., \$10.00.



Hay and Pasture Grass Seeds.

Prices subject to variation. Special quotations for large quantities.

Mixture for Hay and Permanent Pasture. Consists of a number of grasses long recognized as the best combination for this latitude; two bushels per acre. Price per $\frac{1}{8}$ -bu., \$1.25; per bu. of 25 lbs., \$8.00.

English Rye Grass. A nutritious, permanent grass for meadows and pastures, also for mixing with others for lawns. Price per lb., 20c.; per 100 lbs., \$18.00.

Red Top, Fancy Cleaned. Heavy recleaned seed. Important both agriculturally and for making turf. Excellent in combination with Kentucky Blue or others, but too coarse after first year to be sown alone on fine lawns. Germinates quickly. Price per lb., 25c.; per 100 lbs., \$20.00.

Red Top, Unhulled. (*Agrostis Alba*). Clean, heavy seed in its shell or cover. Grades between chaff and fancy. Price per lb., 20c.; per 100 lbs., \$15.00.

Rhode Island Bent. (*Agrostis Vulgaris*). A valuable fine grass for lawns, but obtainable in desirable grade free from other grasses in limited amount. Price per lb., \$1.25.

South German Mixed Bent. (*Agrostis App.*). Incorrectly called Creeping Bent. Very fine leaved and of creeping habit. Forms close, dense turf. Used on fine lawns and golf greens. Price per lb., \$1.25; per 100 lbs., \$120.00.

Fancy Kentucky Blue. (*Poa Pratensis*). Valuable for lawns when mixed with other varieties. It germinates slowly two to three weeks and requires a year or more to establish strong turf. It requires a rich soil but not necessarily a limestone soil. Extra heavy cleaned seed. Price per lb., 35c.; per 100 lbs., \$28.00.

Canada Blue. (*Poa Compressa*). A hardy perennial grass, with creeping rootstalks, forming a close and durable turf. It grows on the poorest

and driest soils, standing extremes of wet or drought, and keeping green until the severe frosts of winter. It is distinguished from the Kentucky Blue Grass by its flattened, wiry stems and bluer color. (14 lbs. to the bushel). Price per lb., 30c.; per 100 lbs., \$27.00.

Meadow Fescue or English Blue Grass. (*Festuca Pratensis*). A highly valuable species for permanent grass land. It does not, however, attain to its full productive power till the second or third year, when it far exceeds most other sorts in the quantity of its produce and nutritive matter. Price per lb., 30c.; per 100 lbs., \$25.00.

Red Fescue. (*Festuca Rubra*). It thrives on dry, sandy soils, and remarkably well in shade, forming a good turf surface, especially valuable for lawn and golf course. It is the only fine-leaved fescue forming a dense continuous turf. Price per lb., 50c.; per 100 lbs., \$45.00.

Rough Stalked Meadow Grass. (*Poa Trivialis*). Resembles Kentucky Blue in appearance. Most valuable grass for shady lawns where there is reasonable amount of moisture. Price per lb., 60c.; per 100 lbs., \$55.00.

Orchard Grass. (*Dactylis Glomerata*). One of the most desirable pasture grasses for stock and for shady places. Price per lb., 30c.; per 100 lbs., \$26.00.

Sweet Vernal. (*Anthroxanthum Odorum*). True perennial sweet vernal. Useful to mix with other grasses for pastures and lawns, on account of its early growth, emitting an agreeable odor when cut for hay. Prices on application.

Timothy. (*Phleum Pratense*). A well-known grass, and more generally grown than any other variety for hay. High-grade, clean seed is of greatest importance. We carry a large stock of this seed, buying in car lots, which is graded as "Strictly Prime" and "Choice". Prices on application.

Millets.

Prices given on application.

Hungarian Millet. Early; height two or three feet; abundant foliage and small heads; yields well on light soils. Per lb., 9c.; per 100 lbs., \$7.00.



GOLDEN MILLET.

Common or Golden. Grows from two to four feet high, heads single and similar to Hungarian, though larger and with bright yellow oval seeds. Price per lb., 8c.; per 100 lbs., \$6.00.

True Southern or Tennessee Millet. Equal in quality to any of the other millets and far superior in yield, growing from three to five feet high, with abundant foliage, and terminating with large seed heads, formed by numerous panicles of small round, bright golden yellow seeds. Price per lb., 10c.; per 100 lbs., \$7.00.

Japanese or Barn Yard. (Billion Dollar Grass). Forage plants of great value, growing luxuriantly on most any soil and under indifferent conditions. It will grow in seasons of extreme drought and attain a height of six feet. When cut continues to grow until frost. Price per lb., 12c.; per 100 lbs. and over @ \$8.00.

Clover.

Alsike or Hybrid Clover. (*Trifolium Hybridum*). Even poorly drained lands will produce a good crop of this; perennial and very hardy. It is very valuable both for pasturing and soiling; very productive, sweet and fragrant. The flowers are a dis-

tinct light pink, and much liked by bees. Price per lb., 45c.; per 100 lbs., \$40.00.

Crimson Trefoil or Scarlet Italian Clover. (*Trifolium Incarnatum*). An annual, valuable as a cover crop, soil improver or for fodder; attains a height of eighteen inches with pointed bright crimson blossom. It is not reliably hardy north of Philadelphia. Per lb., 15c.; per 100 lbs., \$12.00.

White Clover. (*Trifolium Repens*). Thrives best in damp locations, and while not a heavy producer, it is valuable in permanent pastures. In connection with Blue Grass it affords the most nutritious food for sheep and cattle, and also makes a fine mixture for lawns.

Choice. Per oz., 10c.; per ¼-lb., 20c.; per lb., 75c.; 25 lbs. and over, price on application.

Prime. Price on application.

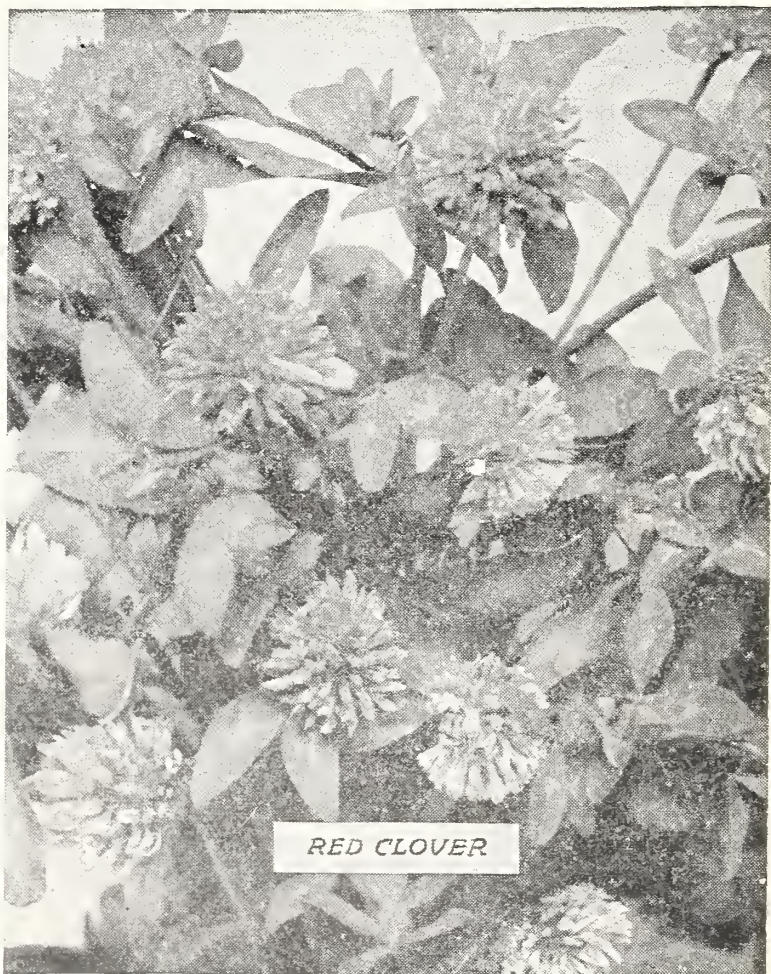
Sweet Clover. (*Melilotus Alba*). Valuable biennial, thrives almost anywhere except on acid soils. One of the greatest plants known for soil improvement; feed value equal to alfalfa; used extensively by bee-keepers. Sow at rate of 18 to 20 lbs. per acre; April or August usually most satisfactory. Price per lb., 25c.; per 100 lbs., \$22.00.

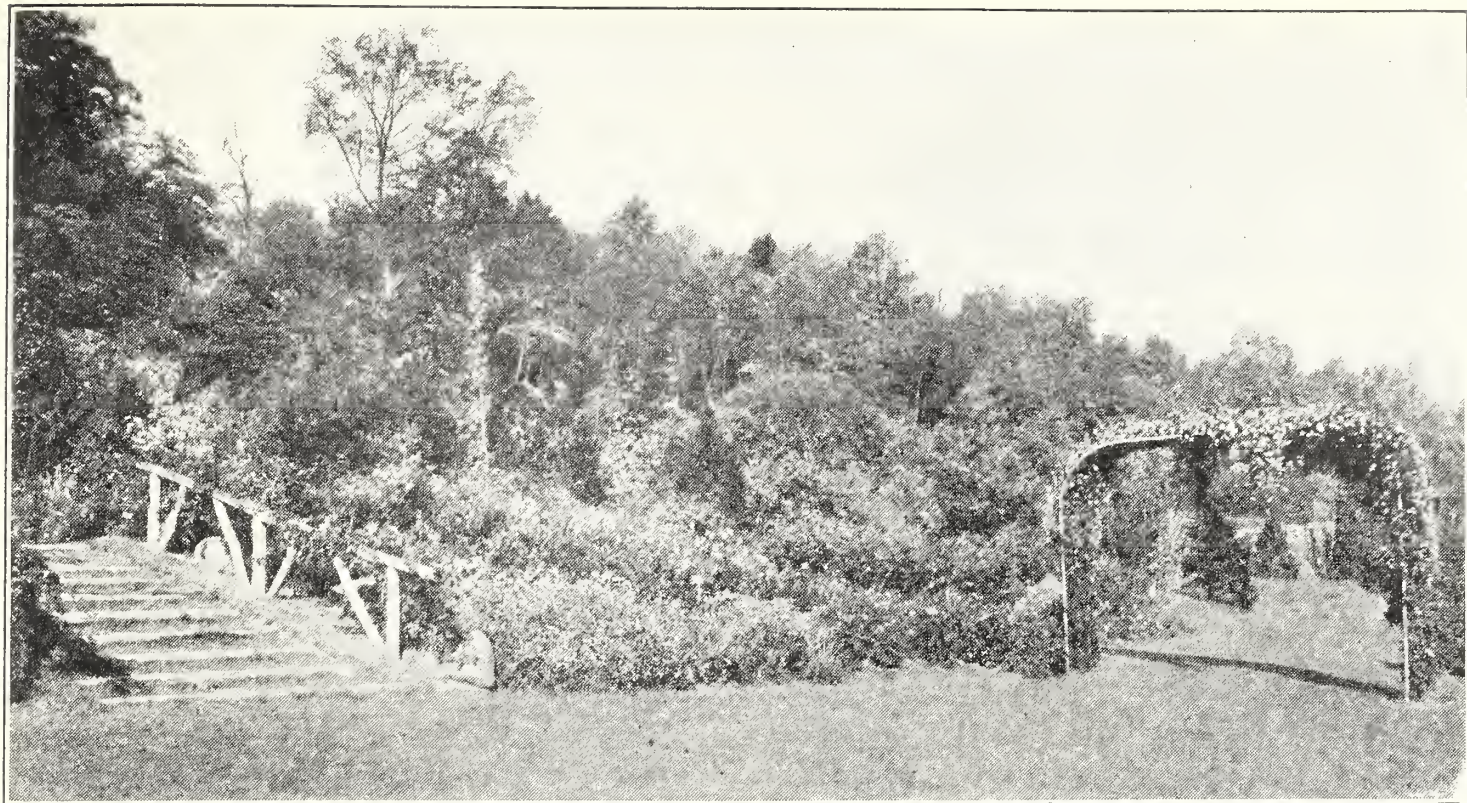
Red Clover, Medium. (*Trifolium Pratense*). The common variety, used with other grasses for either pasture or meadow. Per lb., 50c.; per 100 lbs., \$45.00.

Red Clover, Mammoth or Pea Vine. Grows much taller than medium, with large, coarse stalks, and is largely used for plowing under for green manure. Price per lb., 52c.; per 100 lbs., \$47.00.

Alfalfa. (*Medicago Sativa*). Very productive, succeeds in any good soil that is well drained and not acid; lasts for a number of years. It thrives on dry, rich sandy soil, producing three to four cuttings annually, and even in seasons of severe drought it is always fresh and green, because the roots extend so deep into the soil. It grows two to three feet high, with purple blossoms. Hardiness and purity are of more importance when buying alfalfa seed than a slight difference in price. Sow 20 to 25 lbs. per acre. Price per lb., 40c.; per 100 lbs., \$35.00.

Grimm. This is the very hardy variety which has given such satisfaction in our northeastern states. We exercise great care to have the genuine. Per lb., 60c.; per 100 lbs., \$55.00.





Platt's Selected Flower Seeds

Specialists in America and Europe have in recent years greatly improved many of our annuals and perennials through more scientific plant breeding and selection. Continued important developments are sure to be of interest. We have given much care to secure the finest approved strains, and comparison will show results superior to those ordinarily obtainable. We feel sure these will please both old and new customers.

Abronia.

Extremely pretty creeping annual; verbena-like heads of sweet-scented flowers; very effective in beds, rock work or hanging baskets.

Umbellata. Rosy lilac. White eye. Price per oz., 60c.; per pkt., 10c.

Abutilon.

A tender perennial shrub, producing bell-shaped drooping flowers of various colors.

Finest Mixed. Hybridum Maximum. Price per 1/8-oz., \$3.00; per pkt., 25c.

Achillea.

"The Pearl." **Ptarmica Fl. Pl.** Double white, hardy perennial, grown easily from seed, blooms first season, if sown early, and continues in profusion all summer. Excellent as a cut flower; height 2 feet. Price per oz., \$4.00; per pkt., 10c.

Acroclinium.

Pretty summer-flowering annuals, bearing quantities of large, double, everlasting flowers, of white, rose, etc.

Double Rose. Price per oz., 60c.; per pkt., 10c.

Double White. Price per oz., 60c.; per pkt., 10c.

Double Mixed. Price per oz., 60c.; per pkt., 10c.

Ageratum.

A Mexican flower of bush-like appearance, suitable for bedding or pot culture. Blooms continually. Annual.

Blue Perfection. Large flowered, free-blooming, the darkest blue, ten inches. Price per oz., 75c.; per pkt., 10c.

Imperial Dwarf White. Eight inches. Price per oz., 75c.; per pkt., 10c.

Imperial Dwarf Blue. Clear blue, eight inches. Price per oz., 75c.; per pkt., 10c.

Agrostemma.

An attractive, free-flowering hardy perennial, producing flowers on long, slender stems like a single pink; blossoms the first season.

Coronaria. (Rose of Heaven). Dark blood red. Price per oz., 35c.; per pkt., 10c.

Alyssum Sweet.

A very pretty little plant for edging or ribbon lines, blooming all summer. Hardy annual.

Maritimum. Fragrant white; flowers all summer; somewhat trailing, suitable for broad edges and vases. Price per oz., 25c.; per pkt., 5c.

Carpet of Snow. Two to three inches high. Fine for edging. Price per oz., 60c.; per pkt., 10c.

Compactum, Little Gem. Grows compact and erect; six inches. Price per oz., 50c.; per pkt., 10c.

Saxatile Compactum. Single plants produce many hundred of bright yellow flower-heads; one foot. Hardy perennial. Price per oz., \$1.00; per pkt., 10c.

Amaranthus.

Ornamental foliage plants of extremely brilliant and showy colors. Half-hardy annual.

Tricolor. (**Joseph's Coat**). Leaves yellow, red and green. Price per oz., 75c.; per pkt., 10c.

Caudatus. (**Love Lies Bleeding**). Flowers in bunches of long, drooping, chenille-like tassels. Price per oz., 30c.; per pkt., 5c.

Salicifolius. (**Fountain Plant**). Gracefully drooping, willow-shaped leaves. Price per oz., \$1.00; per pkt., 10c.

Fine Mixed. Price per oz., 30c.; per pkt., 5c.

Ampelopsis.

Veitchii. (Boston or Japanese Ivy). Valuable hardy climber, clinging to stone or brick walls, ivy green foliage. Price per oz., 50c.; per pkt., 10c.

Antirrhinum.

Snapdragon.

One of the most useful summer-flowering perennials, producing long spikes and beautiful bright-colored flowers the first season. The following are selected for their type and color from stocks grown by specialists. New Maximum group, surpassing anything yet introduced.

	Oz.	Pkt.
Canary Bird. (Florists' strain). Canary yellow	\$4.00	15c.
Copper King. Bronzy copper	4.00	15c.
Old Gold. Rose on yellow ground...	4.00	15c.
Snowflake. White	3.50	15c.
The Rose. (Florists' strain). Begonia rose	4.00	15c.
Maximum Mixed. All varieties	1.50	10c.

NANUM GRANDIFLORUM (SEMI-DWARF) ,
LARGE FLOWERED.

Empress. Rich velvety crimson	\$2.50	10c.
Golden Queen. Clear yellow	1.75	10c.
Pink Perfection. New Hermosa Pink suffused salmon. Better than Silver Pink	7.00	25c.
Purity. (Florists' strain). Pure white	1.75	10c.
Semi-Dwarf Large Flowered Mixed.	1.50	10c.

Aquilegia.

Columbine.

A very graceful plant, with spurred blossoms in great variety of colors; ranks among the finest early flowering. Hardy perennials.

	Oz.	Pkt.
Chrysantha. Golden spurred flowers	\$2.00	10c.
Nivea Grandiflora. Large pure white spurs	4.00	10c.
Long Spurred Hybrids. Mrs. Scott Elliott's strain. A very choice strain possessing all the desirable colorings..	5.00	10c.
Double Varieties. All colors mixed..	1.25	10c.
Single Varieties. All colors mixed..	1.00	10c.

Aristolochia.

Sipho. (Dutchman's Pipe). Luxuriant, hardy climber with large, dense foliage; flowers small and curiously formed, resembling a Dutchman's pipe. Thirty feet. Price per oz., \$1.50; per pkt., 10c.

Asparagus.

Plumosa Nanus. Tender climber with fern-like foliage. Price per 100 seeds, 50c.; per pkt., 10c.
Sprengeri. Decorative perennial with drooping fronds. Price per 100 seeds, 50c.; per pkt., 15c.

Asperula.

A profuse blooming hardy annual, attaining an average growth of one foot. The flowers, which are beautiful light blue, are very sweet scented, and last a long time in perfection.

Azurea Setosa. Grows about 9 inches high and covered throughout the summer with light lavender fragrant flowers. Price per oz., 30c.; per pkt., 10c.

Odorata. (Sweet Woodruff). The dried flowers and leaves have a delicious fragrance and impart an agreeable perfume to clothes, etc., when kept among them. Price per oz., \$1.00; per pkt., 10c.

Platt's Superb Asters.

We wish to call special attention to our selection of this popular annual. The seed here offered is grown with the utmost care. No pains have been spared to bring each variety to its present high state of perfection, the very best it is possible to produce. For such seed, our prices are very moderate.

To appreciate asters grow them in separate colors and varieties and have them from July until hard frost.



ASTER, PLATT'S LATE BRANCHING.

Asters.

Queen of the Market. The very best first early large flowering, perfectly double, of branching habit, good form and stem, about two weeks earlier than late branching.

	Pkt.	¼-oz.	Oz.
Lavender	10c.	40c.	\$1.50
Peach Blossom	10c.	40c.	1.50
Purple	10c.	40c.	1.50
Rose	10c.	40c.	1.50
White	10c.	40c.	1.50
Mixed	10c.	40c.	1.50

Asters—Continued.

Royal Asters. In season nearly as early as Queen of the Market, but far superior in every other way. The stems grow long and directly from the ground instead of being branches off the main stem.

	Pkt.	¼-oz.	
Royal Lavender	10c.	50c.	
Royal Purple	10c.	50c.	
Royal Shell Pink	10c.	50c.	
Royal White	10c.	50c.	

Platt's American Branching. Undoubtedly the most popular, and deservedly so. It has been called "Money Maker," always demanding the highest price. While there are many other beautiful varieties for the colors here listed, they are unexcelled as a standard. Plants large, vigorous, branching, with strong stems. Flowers of great size, very full to the center. Our strain of this superb aster has been grown for us with such care we unhesitatingly believe it is unsurpassed.

	Pkt.	¼-oz.	Oz.
Crimson (Sensation)	10c.	40c.	\$1.50
Lavender	10c.	40c.	1.50
Shell Pink (Mary Semples) ...	10c.	40c.	1.50
Purple	10c.	40c.	1.50
Rose (Deep)	10c.	40c.	1.50
White	10c.	40c.	1.50
Mixed	10c.	40c.	1.50

Mikado or Rochester. The most valuable Comet variety. Has every good feature in regard to size, form and vigor. The petals are very long, narrow and gracefully reflexed, towards center beautifully curved and twisted. Mikado White flowers immediately after Queen of the Market, while the pink comes in just before late branching. In general the plants are like Hohenzollern and Crego, which we have dropped from the list, as this is a better Comet type. Mikado Pink, or Rochester, adopted as the official flower of that city.

	Pkt.	¼-oz.	Oz.
Lavender Rochester	10c.	60c.	\$2.00
Pink Rochester	10c.	60c.	2.00
Purple Rochester	10c.	60c.	2.00
White Rochester	10c.	60c.	2.00
Mixed Rochester	10c.	60c.	2.00

California Giants. New, and largest flowering Comet type.

	Pkt.	¼-oz.	Oz.
Peach Blossom	15c.	85c.	\$3.00
Dark Purple	15c.	85c.	3.00
White	15c.	85c.	3.00
Mixed	15c.	85c.	3.00

Astermum. A distinct strain of Comet type, so named because of its resemblance to the chrysanthemum; comes into bloom a little earlier than Crego. Our mixture includes pure white, shell pink, lavender pink, rose lavender and purple. Mixed, per pkt., 10c.; per ¼-oz., 60c.

King Asters. (Needled Type). The plants are similar in growth to the late branching, except the white and rose, which are more upright. The flowers are distinct, having long narrow, folded petals, presenting a most pleasing and beautiful



ASTER MIKADO OR ROCHESTER.

appearance. Blooms about the same time as late branching.

	Pkt.	¼-oz.	Oz.
Lavender King	10c.	40c.	\$1.50
Pink King	10c.	40c.	1.50
Violet King	10c.	40c.	1.50
White King	10c.	40c.	1.50
Mixed King	10c.	40c.	1.50

Auricula.

See *Primula Auricula*.

Balloon Vine.

Cardiospermum—Love in a Puff.

Rapid-growing climber, remarkable for its inflated seed pods, from which it is sometimes called "Balloon Vine." Annual.

Halicacabum. White. Per oz., 25c.; per pkt., 5c.

Balsam.

They are among the showiest and most popular of our summer garden annuals, forming bushy plants, covered with double flowers of brilliant colors.

Salmon King. Bright salmon pink; very early and double. Price per oz., \$1.00; per pkt., 10c.

Double Scarlet. Camellia flowered. Price per oz., \$1.00; per pkt., 10c.

White Perfection. Camellia flowered. Large double, pure white. Per oz., \$1.00; per pkt., 10c.

Double Camellia Flowered. Finest Mixed. Price per oz., 75c.; per pkt., 10c.

Balsam Apple.

(See *Mormodica*.)

Bartonia.

Showy garden annual with bright yellow flowers. 1½ ft. Price per oz., 75c.; per pkt., 10c.

Begonia.

Sow in February or March in pots, without any covering of earth. Cover with glass and keep in a warm but shaded place. The plants will give an abundance of bloom the first year, and if properly kept, tubers will flower more freely than before. Begonias thrive in either shade or sunshine.

TUBEROUS-ROOTED BEGONIAS.

Single Mixed. Splendid large flowered. Price per $\frac{1}{4}$ -oz., \$3.00; per pkt., 25c.

Single Mixed Fringed. New, splendid strain. Price per $\frac{1}{4}$ -oz., \$3.00; per pkt., 25c.

Double Mixed. From a very rich collection. Price per $\frac{1}{4}$ -oz., \$10.00; per pkt., 35c.

FIBROUS-ROOTED BEGONIAS.

Begonias offered under this head have attractive foliage, among the most desirable for flowering in the house. Bedding in partly shaded locations or under full sunshine outdoors continue in full bloom throughout the season.

Erfordia Grandiflora Superba Semperflorens. Rosy carmine, a beautiful free bloomer. Price per $\frac{1}{4}$ -oz., \$4.00; per pkt., 25c.

Prima Donna. Large flowers, limpid rose, shading to carmine. Price per $\frac{1}{4}$ -oz., \$5.00; per pkt., 25c.

Vernon. Flowers brilliant rich red, bronze leaves. Price per $\frac{1}{8}$ -oz., \$2.00; per pkt., 10c.

Semperflorens Mixed. A variety well adapted for house or outdoor culture. Plants of compact dwarf habit, and are continuous bloomers. Price per $\frac{1}{8}$ -oz., 75c.; per pkt., 10c.

Bellis Perennis.

Double Daisy.

Prefers a cool, sheltered situation, and needs some protection in winter. Flowers are quilled or flat petaled, white, red or variegated. Half-hardy perennial.

Monstrosa Rose. Fine, large, double dark rose flowers. Price per $\frac{1}{8}$ -oz., 75c.; per pkt., 10c.

Monstrosa White. Pure white, large and very double. Price per $\frac{1}{8}$ -oz., 75c.; per pkt., 10c.

Monstrosa Red. Double and unusually large flowers, red shading to rose. Price per $\frac{1}{8}$ -oz., \$2.00; per pkt., 20c.

Monstrosa Double Mixed. Price per $\frac{1}{8}$ -oz., \$1.00; per pkt., 20c.

Brachycome.

Swan River Daisy.

A delicate dwarf, half-hardy, annual, effective for edging, beds or rustic baskets. Produces an abundance of daisy-like flowers about an inch in diameter and in shades from dark blue to nearly white. Price per oz., 75c.; per pkt., 10c.

Browallia.

Profuse blooming plants, continuing throughout the summer, studded with blue and white flowers, growing freely in any rich soil. Half-hardy annual.

Speciosa Majus. Splendid large, blue flowers. Price per $\frac{1}{4}$ -oz., \$4.00; per pkt., 15c.

Elata Mixed. Price per oz., 75c.; per pkt., 5c.

Cacalia.

Tassel Flower.

A pretty half-hardy annual, with tassel-shaped flowers, scarlet and golden yellow. Blooms from July to September.

Mixed Colors. Price per oz., \$1.00; per pkt., 5c.

Calandrinia.

Very pretty plants, succulent stems and fleshy leaves, belonging to the Purslane family. Annual.

Grandiflora. Large flowered rosy pink. Price per oz., \$1.00; per pkt., 10c.

Calceolaria.

Splendid plants for greenhouse decorations, forming in spring dense masses of beautiful pocket-like flowers. The seeds germinate best without heat, and should be grown in pans or pots.

Hybrida Grandiflora Mixture. Giant strain, large flowers, very choice. Mottled and spotted. Price per $\frac{1}{84}$ -oz., \$8.00; per pkt., 25c.



CALLIOPSIS.

Calliopsis.

Black-Eyed Susan.

Calliopsis (see also Coreopsis).

Few, if any, annuals are more useful than these; the colors are rich and striking; flowers numerous and beautiful. Annual.

Ray of Gold. A beautiful new variety. Flowers golden yellow, with dark purplish brown center. Price per oz., 50c.; per pkt., 5c.

Coronata. Large single yellow flowers. Price per oz., 30c.; per pkt., 5c.

Golden Wave (Drummondii). Plants very bushy and compact, and covered with large golden blossoms, having dark centers. Price per oz., 30c.; per pkt., 5c.

Nigra. Fine crimson. Per oz., 30c.; per pkt., 5c.

Double. Rich golden, yellow, maroon spotted. Price per oz., 30c.; per pkt., 5c.

Single Tall Mixed. Height $2\frac{1}{2}$ feet. Price per oz., 30c.; per pkt., 5c.

(For perennial varieties, see Coreopsis).

Calendula.

Pot Marigold.

Showy, free flowering hardy annuals growing in any good garden soil, producing a fine effect in beds or mixed borders and continuing in bloom until killed by hard frosts.

Lemon Queen. Double lemon yellow. Price per oz., 40c.; per pkt., 5c.

Meteor. Large double light yellow flowers, striped with bright orange. Price per oz., 25c.; per pkt., 5c.

Nankeen. Cream flushed apricot. Price per oz., 30c.; per pkt., 5c.

Orange King. Splendid, large double-flowered, deep orange. Price per oz., 40c.; per pkt., 10c.

The Ball. (Florists' Forcing Strain). A selection from Orange King and now finest of all bright orange with lighter center. Price per oz., \$1.00; per pkt., 10c.

Double Mixed. Price per oz., 25c.; per pkt., 5c.



CALENDULA THE BALL.

Campanula.

Hardy, herbaceous perennials, bearing attractive bell flowers, thriving best in light rich soil; some of the varieties flower first season if planted early. Carpatia is fine for beds, edgings and ribbon gardening.

Campanula Pyramidalis. Large flowers of a beautiful blue, borne on spikes 3 to 4 feet tall. Price per oz., \$2.00; per pkt., 10c.

Carpatia Blue. Single. Free flowering; continuing in bloom the whole season; hardy perennials; six inches. Price per oz., \$2.00; per pkt., 10c.

Carpatia Alba. Per oz., \$1.50; per pkt., 10c.

Persicifolia Mixed. Blue and white. Single, flowering in July and August. 2 to 3 feet. Price per oz., \$5.00; per pkt., 10c.

Canary Bird Flower.

Tropoelum Canariensis.

An ornamental creeper, with bright, yellow fringed flowers, resembling a canary bird with wings, partly spread, and finely divided foliage.

Yellow. Price per oz., 60c.; per pkt., 10c.



EMPRESS CANDYTUFT.

Candytuft.

Seed sown in April flowers from July to September, and some of the sorts until frost. All the varieties are easy to cultivate. Single plants look well and bloom profusely. Hardy annuals, one foot high.

Empress or White Giant Hyacinth Flowered. Improved strain. Pure white flowers, borne on candelabra-shaped plant. Per oz., 60c.; per pkt., 5c.

Carmine. Rich red. Per oz., 40c.; per pkt., 5c.

Crimson. Dark red. Per oz., 40c.; per pkt., 5c.

Lavender. Delicate rosy lavender. Per oz., 40c.; per pkt., 5c.

Snowflake. Sweet scented, effective among tulips if sown in fall. Per oz., 30c.; per pkt., 5c.

Rose Cardinal. One of the most effective for bedding. Per oz., 50c.; per pkt., 10c.

Mixed Colors. Special select Umbellata mixture. Price per oz., 25c.; per pkt., 5c.

Perennial. (*Iberis Sempervirens*). Hardy, low growing, compact plant; blooms early in spring in masses of pure white. Fine for border edges or cemetery planting. Price per oz., \$4.00; per pkt., 10c.

Canna.

Indian Shot.

The seed shells are very hard, and to facilitate germination it is a good plan to soak them in warm water ten to twelve hours before planting.

Dwarf Large Flowered French. The flowers range through all the shades of yellow and orange to the richest crimson, scarlet and vermillion; some are also beautifully spotted. Mixed. Price per oz., 35c.; per pkt., 10c.

Canterbury Bells.

Single Mixed. Beautiful, large, bell-shaped flowers; hardy biennials; two feet. Price per oz., 75c.; per pkt., 10c.

Double Mixed. Two feet. Price per oz., \$2.00; per pkt., 10c.

Calycanthema. (Cup and Saucer). This is the finest variety of Campanula, producing plants with white and blue flowers, resembling cup and saucer. Single mixed. Per oz., \$2.00; per pkt., 10c.

Cardinal Climber.

See Ipomea.

Carnation.

Carnations and Picotee Pinks are general favorites for their delicious fragrance and richness of colors. The seed we offer will produce many splendid double or semi-double flowers; protect during the winter; half-hardy perennials; 1½ feet.

Chabaud's Giant Double White. (Jeane Dionis). Price per oz., \$5.50; per pkt., 25c.

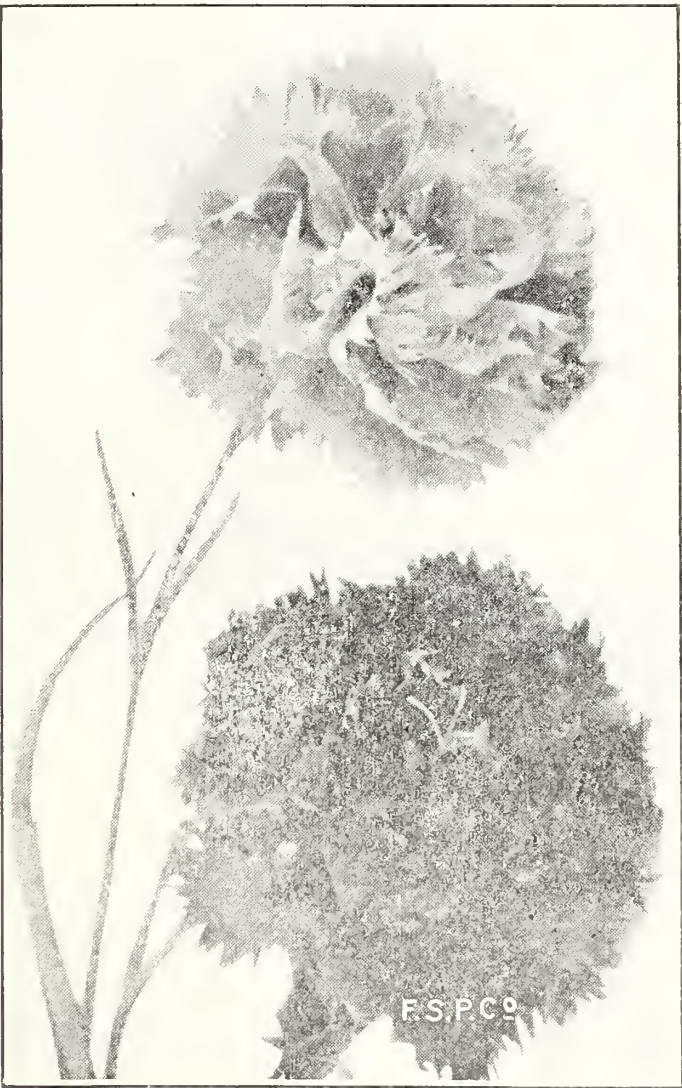
Chabaud's Giant Double Red. (Sparkler). Price per oz., \$5.50; per pkt., 25c.

Chabaud's Giant Everblooming. This and the two preceding sorts are a new and finer type of the Chabaud's Carnation. Coming into bloom in six months from seed and continuing throughout the summer. They come about 90% double and quite true. The finest type of garden carnation. Price per oz., \$3.00; per pkt., 10c.

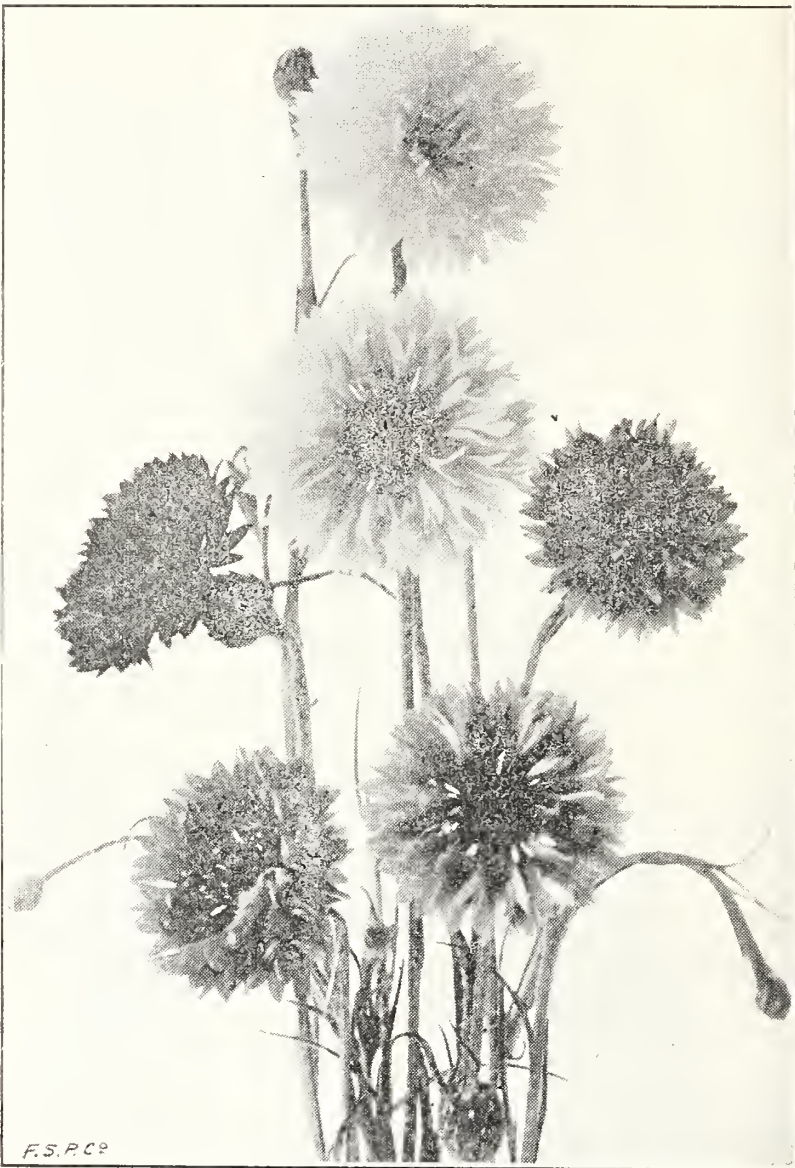
Castor Oil Bean. (See Ricinus).

Celosia or Cockscomb.

A very desirable and showy plant, producing large combs of crimson or yellow flowers. The "Cristata" sorts are the well-known Cockscombs.



CARNATION,
CHABAUD'S NEW EVERBLOOMING.



CENTAUREA CYANUS.

Cristata, the True Cockscomb.

Golden Beauty. Golden yellow. Price per ¼-oz., 50c.; per pkt., 10c.

President Thiers. One of the most dwarf of all the Cockscombs, bearing large crimson combs. Price per ¼-oz., \$1.00; per pkt., 10c.

Rosea. Price per ¼-oz., 50c.; per pkt., 10c.

Mixed Cristata. Including many colors. Price per oz., \$5.00; per pkt., 10c.

Plumosa or Feathered Cockscomb.

Plants surmounted with long feathery plumes; exceedingly handsome; height, 2¼ to 3 feet.

Thompsoni Crimson. Producing graceful feathery flower spikes, which resemble ostrich plumes. Splendid crimson; foliage bronze green. Per oz., \$1.00; pkt., 10c.

Thompsoni Golden Improved. Golden plume, similar to above except in color. Price per oz., \$2.00; pkt., 10c.

Childsii or Chinese Wool Flower. Different from the ordinary plumosa in that the plume is more like a tuft of wool; geranium red, the size of a goose egg. Very ornamental and fine for bedding. Height, two feet. Per pkt., 10c.; per oz., \$2.00.

Centaurea.

Under this heading we have the well-known Cornflower, Blue Bottle, Ragged Sailor, Bachelor's Buttons, Sweet Sultans, Dusty Miller, etc.

Cornflower.

Centaurea Cyanus.

Cyanus Double Blue. The favorite dark blue sort so much in demand for cutting. Per oz., 50c.; per pkt., 5c.

White. Per oz., 35c.; per pkt., 5c.

Rose. Per oz., 35c.; per pkt., 5c.

Mixed. Per oz., 35c.; per pkt., 5c.

Giant Sweet Sultans.

Centaurea Imperialis.

	Oz.	Pkt.
Amaranth Red	\$1.50	10c.
Delicate Lilac	1.50	10c.
Deep Lavender. Very sweet scented.....	1.50	10c.
Pure White. Best for cutting	1.50	10c.
Finest Mixed Colors	1.00	10c.

Centaurea.

White-Leaved or Dusty Miller Varieties.

Valuable plants for ribbon bedding, the silvery whiteness of the leaves being very effective with other colored-leaved plants.

Gymnacarpa. Graceful, fine-cut, silvery white foliage. 1½ feet. Price per oz., \$1.25; per pkt., 10c.

Candidissima. Silvery, broad-cut leaves. Price per oz., \$3.00; per pkt., 10c.

Cineraria.

A magnificent greenhouse plant having a range and brightness of color seldom equalled. Sow seeds from May to July.

Hybrida Grandiflora. Prize varieties, finest obtainable; large flowering. Semi-dwarf. Brilliant blossoms, beautifully marked colors. Price per ½-oz., \$3.00; per pkt., 25c.

Stellata Large Flowered. Handsome star-shaped flowers, free blooming. Price per ⅛-oz., \$2.00; per pkt., 25c.

Maritima. (Dusty Miller). Silvery foliage. Fine for bedding, edging and ribbon planting. Price per oz., 50c.; per pkt., 10c.



ANNUAL CHRYSANTHEMUMS.

Chrysanthemums.

ANNUAL VARIETIES.

Very showy and effective garden plants, extensively grown for cut flowers. The hardy annuals are summer flowering border plants, and distinct from the autumn flowering varieties.

Burridgeanum. Single carinatum. White petals with zone of rich, brownish red and inner zone of yellow surrounding dark brown disc. Price per oz., 50c.; per pkt., 10c.

Gladstone. Large single carinatum; flowers rich, velvety crimson. Price per oz., 50c.; per pkt., 10c.

Morning Star. Segatum. Pale primrose with zone of deeper yellow. Award of Merit R. H. S., 1921. Price per oz., 50c.; per pkt., 10c.

Northern Star. Carinatum. White with yellow center and dark disc; large and showy. Award of Merit R. H. S., 1921. Per oz., 50c.; per pkt., 10c.

The Sultan. Carinatum. Wallflower red with narrow sulphur yellow zone around a brown disc. Price per oz., 50c.; per pkt., 10c.

Carinatum Single Mixed. Price per oz., 35c.; per pkt., 5c.

Coronarium Double Mixed. Valuable border plants providing abundance of fine double flowers for cutting during the summer; white and shades of yellow. Price per oz., 35c.; per pkt., 5c.

PERENNIAL VARIETIES.

Japanese Hybrids. Double flowered. The seed here offered has been saved from a choice early flowering strain. Seed sown in spring will flower by autumn. Price per ⅛-oz., \$2.00; per pkt., 25c.

Chrysanthemum Leucanthemum. (Maximum Alaska Shasta Daisy). Large, single, pure white flowers, borne on long stems. Excellent for border and cutting. Price per oz., \$2.50; per pkt., 10c.

Clarkia.

Beautiful, hardy annuals from California, with rose-colored, white and purple flowers, in delicate but very brilliant shades. The plants are about eighteen inches high and profuse bloomers.

Mixed Double. Price per oz., 60c.; per pkt., 10c.

Cleome.

The Giant Spider Plant.

Seed sown in May will commence blossoming July 1st, and continue until frost. The flowers of this variety are of the largest, making a striking appearance in the border or in masses, color rosy carmine. The stamens are several inches long, which gives it the name of Spider Flower. Five feet.

Gigantea. Price per oz., \$1.00; per pkt., 10c.

Clianthus.

Australian Glory Pea.

Magnificent plants which should be sown in light, rich soil. A shrubby, tender greenhouse perennial.

Dampieri. Flowers in clusters, pea-shaped; of brilliant scarlet, with black center. Price per ⅛-oz., \$2.00; per pkt., 10c.

Cobaea.

A beautiful, rapid-growing, climbing plant; large, handsome, bell-shaped flowers. Sow early and plant out about June. In sowing, plant the seeds edgewise, cover lightly.

Scandens. Price per oz., 60c.; per pkt., 10c.

Cockscomb.

(See Celosia).

Coleus.

A distinctive foliage plant, with large, brilliantly colored leaves, ranging through shades of scarlet, yellow, green and variegated markings. Sow early in spring.

Large-Leaved Extra Choice. Saved from finest richly colored plants of extra choice strain. Per ⅛-oz., \$2.00; per pkt., 25c.

Fine Mixed. This is from choice strains, and contains richly colored assortment. Price per ⅛-oz., \$1.50; per pkt., 25c. :

Columbine.

(See *Aquilegia*).

Convolvulus.

Morning Glory.

Major. Free flowering climber, succeeds in almost any situation. Height, fifteen feet. Fine mixed. Price per pkt., 5c.; per oz., 15c.; per lb., \$1.25.

Tricolor Minor. "Bush Morning Glories," grow only about one foot high. Price per oz., 20c.; per pkt., 5c.

Coreopsis.

Coreopsis. (See also *Calliopsis*). This is a fine hardy plant with large, bright yellow flowers, produced in abundance from June until frost. Valuable as a cut flower, having long stems and keeping in good condition some time. Easily grown from seed, flowering the first year, if sown early.

Lanceolata Gd. fl. Price per oz., 50c.; per pkt., 5c.

Lanceolata Gd. fl. pl. New semi-double; an excellent cut flower. Per oz., \$1.50; per pkt., 10c.

Cosmos.

An autumn plant with feathery foliage. The flowers are borne profusely in loose clusters. Seed should be sown early in the spring and the plants transplanted in the open border when danger from frost is past.

The New Early Large Flowering strain are much improved over the old sort. Not only larger, but beginning to flower early in July and continuing until cut off by frost.

New Early Large Flowering Pink. Per pkt., 10c.; per oz., 75c.

New Early Large Flowering White. Price per pkt., 10c.; per oz., 75c.

New Early Large Flowering Crimson. Price per pkt., 10c.; per oz., 75c.

New Early Large Flowering Mixed. Price per pkt., 10c.; per oz., 60c.

Pink Lady Lenox. Considered the finest of all Cosmos. Flowers of gigantic size, some ranging 4½ inches across. Color is a beautiful shell pink. Price per pkt., 10c.; per oz., 50c.

White Lady Lenox. This is the same in all respects, except color, as the famous Pink Lady Lenox. Price per pkt., 10c.; per oz., 50c.

Giant Crimson. Per pkt., 10c.; per oz., 50c.

Giant Late Flowering Mixed. Our mixture includes the new White Lady Lenox. Price per pkt., 5c.; per oz., 50c.

Double Crested Mixed (Anemone Flowered). New early flowering strain. Sometimes called double. These have double centers with rows of petals around base. Very effective; colors pink, crimson and white. Price per oz., \$3.00; per pkt., 15c.

Cucumis.

Flexuosus (Snake Cucumber). A rapid growing vine, quite ornamental, and often attaining a length of six feet. Annual. Per oz., 25c.; per pkt., 10c.

Echinocystis Lobata (Wild Cucumber). One of the quickest growing vines, splendid for covering trellises, etc.; blooms easily. Flower small white, in sprays. Per oz., 40c.; per pkt., 5c.

Cyclamen.

A genus of the most beautiful and elegant winter and spring blooming plants for pot culture. If sown early in spring under glass, will make flowering bulbs in one year.

Giganteum. Extra fine strain. Flowers of an extraordinary size, broad petals and stout flower stalks. Price per ⅛-oz., \$3.00; per pkt., 25c.

Cypress Vine.

A clinging plant with very delicate, fern-like foliage, and masses of beautiful, star-shaped flowers, borne in clusters. Half-hardy annual.

	Oz.	Pkt.
Scarlet	50c.	5c.
White	50c.	5c.
Mixed	50c.	5c.

Dahlia.

One of our best autumnal flowering plants, blooms until killed by frost; tuberous rooted, half-hardy perennials; blooming the first year from seed, if sown early; protect the roots during winter in a dry cellar in peat moss or sand.

Large Flowering. Finest mixed, unrivalled quality. Decorative and show varieties. Saved from named varieties. Per pkt., 25c.; per ⅛-oz., 50c.

Cactus. Double mixed. Saved from very choice stock. Large variety, with curled and pointed petals. Price per pkt., 25c.; per ⅛-oz., 60c.

Small Flowering (Bouquet or Lilliputian). Saved from choice double flowers; mixed colors. Price per ⅛-oz., \$1.25; per pkt., 25c.

Single Mixed. Giant Perfection. Very fine; large showy flowers. Per ¼-oz., 50c.; per pkt., 10c.



COSMOS, EARLY LARGE FLOWERING.

Datura.

Trumpet Flower.

Robust ornamental annuals, with large and showy flowers, 2 to 3 feet high.

Double Golden. Deep yellow; delightfully fragrant. Price per oz., 50c.; per pkt., 10c.

Cornucopia. ("Horn of Plenty"). A grand variety; the flowers average 8 inches long by 5 across; French white inside, purple outside; delightfully fragrant; started early will flower from early summer until fall. Per oz., 75c.; pkt., 10c.

Delphinium.

Hardy Perennial Larkspurs.

Seed may be sown any time from spring till fall. Sow in fine soil, $\frac{1}{8}$ -inch deep. Seed germinates in about 15 days. Keep moist and shaded until well rooted. Seed sown early spring will give some bloom first year; be in prime the second year.

Hybrids. Platt's Special. For a number of years a specialist has been carefully collecting and selecting delphinium varieties with a view to making a mixture which would contain all the most beautiful shades of color obtainable in a perfect blend. This includes the new famous Wrexham and Vanderbilt types that produce such magnificent spire-like spikes of color, from deepest blue through bright blue, mauve and pastel shades.

Hybrids. Platt's Special Light Blue Shades.

Hybrids. Platt's Special Deep Blue Shades.

Hybrids. Platt's Special Mid-Blue Shades.

Hybrids. Platt's Special Pastel Shades.

Hybrids. Platt's Special All Shades Mixed.

Each of above: $\frac{1}{4}$ -oz., \$1.00; per pkt., 25c. Any 5 pkts., \$1.00.

Belladonna. This is called the Everblooming Hardy larkspur; in addition, is of the finest type, lovely pale blue; height 3 ft. Per $\frac{1}{4}$ -oz., \$1.00; per pkt., 25c.

Bellamosum. Deep blue, Belladonna type. Price per $\frac{1}{4}$ -oz., \$1.00; per pkt., 25c.

Formosum. Deep blue, white center; 2 to 3 feet. Price per $\frac{1}{4}$ -oz., \$2.50; per pkt., 15c.

Formosum Coelestinum. Long spikes of sky-blue flowers, with white center. Price per $\frac{1}{4}$ -oz., \$2.50; per pkt., 15c.

Grandiflorum Double Mixed (Chinensis). Height 2 feet. Large flowered; will bloom from midsummer till frost if sown early. Price per $\frac{1}{4}$ -oz., 75c.; per pkt., 10c.

Dianthus.

This class of pinks are usually treated as hardy annuals. They flower early in summer and continue until frost; excellent for small beds or edgings, flowering profusely. Hardy biennial.

Chinensis Fl. Pl. (Chinese or Indian Pink). The double flowers are produced in great variety of colors; very free flowering. Mixed. 1 foot. Price per oz., 50c.; per pkt., 5c.

Heddewigii Lacinatus Fl. Pl. (Japanese Pink). Very large flowering, double choicest mixed, extra fine strain, colors vary from rich crimson to delicate pink. Price per oz., \$1.00; per pkt., 10c.

Heddewigii (Japanese Pink). Finest selected; single mixed. Price per oz., 75c.; per pkt., 5c.

Fireball. Large, very double, brilliant scarlet. 1 foot. Price per oz., \$1.50; per pkt., 10c.

Snowball. Large, fringed, double, pure white. 1 foot. Price per oz., \$1.50; per pkt., 10c.

Diadematus Double Mixed. Large double flowers, great variation of colors. Edges fringed. 1 foot. Price per oz., 75c.; per pkt., 10c.

Mourning Cloak or White Frill. The flowers are very rich maroon color, margined white. It has a rich clove fragrance. Per oz., \$1.50; per pkt., 10c.

Vesuvius. A brilliant orange scarlet single flower, with petals deeply lacinated. Price per oz., \$1.00; per pkt., 10c.

HARDY PERENNIAL VARIETIES.

Highly valued for beauty and fragrance of their flowers. These make splendid bushy plants, one to two feet high, for permanent beds and borders.

Plumaris (Grass Pink or Pheasant-eye Pink). A single hardy Pink, with fringe-edged white flowers, with dark center. Per oz., \$1.00; per pkt., 10c.

Plumaris Fl. Pl. Mixed (Double Pheasant's Eye Pink). Spicy clove fragrance. Double fringed flowers of white, crimson or purple shades, spotted and variegated. Price per oz., \$3.00; per pkt., 10c.

Semperflorens (Everblooming Hardy Garden Pinks). Very beautiful sweet scented, double, semi-double and single flowers. Price per oz., \$1.50; per pkt., 10c.

Didiscus.

Blue Lace Flower.

This beautiful annual came recently from Australia and has become very popular. Blooms profusely from July until frost. An excellent cut flower. Price per oz., \$1.25; per pkt., 10c.

Digitalis.

Foxglove.

Ornamental plants of stately growth, bearing long spikes of large, showy flowers, running through shades of white, rose, yellow and purple. Fine for shrubberies and half-shady places. Hardy perennial.

Gloxiniaeflora Mixed. Long spikes with beautiful Gloxinia-like flowers. Per oz., \$1.00; per pkt., 10c.

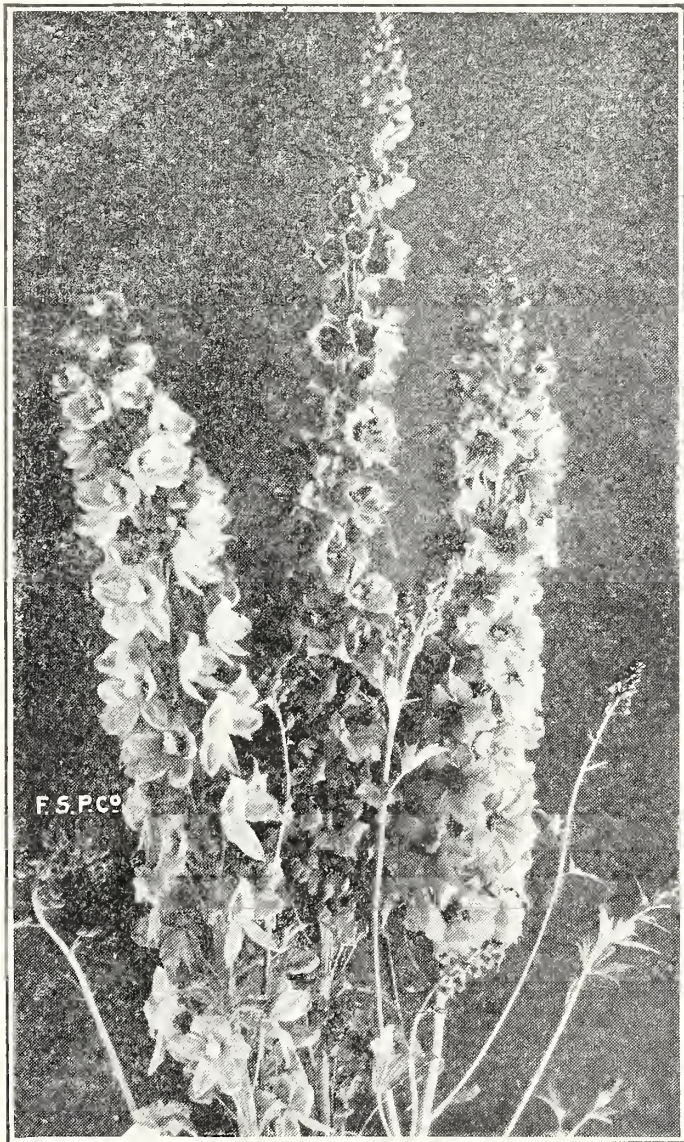
The Shirley. Finest strain of digitalis yet introduced; giant spikes of finest colors. Per oz., \$1.25; pkt., 10c.

Dimorphotheca.

African Daisy.

Aurantiaca. Golden. Per oz., \$1.25; pkt., 10c.

Aurantiaca Hybrids Mixed. Price per oz., \$1.25; per pkt., 10c.



DELPHINIUM HYBRIDS, PLATT'S SPECIAL.

Dracaena.

Decorative plants with long, narrow leaves, suitable for center plants in vases, baskets, etc.

Indivisa. Price per oz., 75c.; per pkt., 10c.

Edelweiss.

Gnaphalium Leontopodium.

The famous Edelweiss of the Alps. The flowers are star-shaped, of downy texture, and pure white, and are sought after as souvenirs. They retain their natural appearance for years. Price per 1/8-oz., \$1.50; per pkt., 10c.

Eschscholtzia.

California Poppy.

An annual of easy culture. Seeds sown early will come into bloom in June and continue until frost.

Californica. Rich yellow with orange center. Price per oz., 30c.; per pkt., 10c.

Carmine King. Deep carmine. Per oz., 50c.; per pkt., 10c.

Crome Queen. Amber yellow. Per oz., 50c.; per pkt., 10c.

Hunnemannia. Bush eschscholtzia. One and one-half feet high, of bushy habit, have large but-tercup yellow, poppy-like blossoms. Price per oz., 50c.; per pkt., 10c.

Rose Queen. Rosy pink. Per oz., 50c.; per pkt., 10c.

Scarlet Beauty. Deep scarlet. Per oz., \$1.00; per pkt., 10c.

The Geisha. Inside petals brilliant gold, outside orange-crimson; petals fluted. Per oz., 75c.; per pkt., 10c.

Finest Mixed. Including new shades and colors. Erect type. Per oz., 75c.; per pkt., 10c.



EUPHORBIA VARIEGATA.

Euphorbia.

Marginata Variegata (Snow on the Mountain). The leaves are light green and white margined. Price per oz., 50c.; per pkt., 10c.

Mexican Fire Plant, or Fire on the Mountain. In habit and appearance resembling the poinsettia. The plants grow 2 to 3 feet high, of branching, bush-like form, with glossy leaves, but about mid-summer become orange-scarlet, presenting a striking and brilliant appearance. Price per oz., \$2.00; per pkt., 10c.

Feverfew.

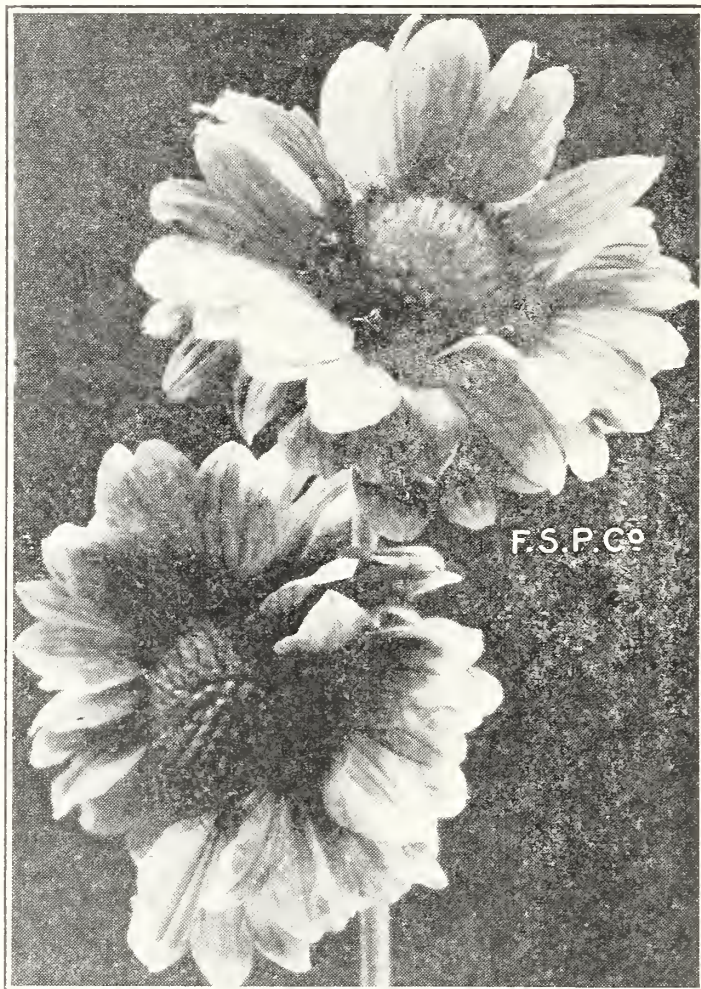
Matricaria.

Free-flowering plants, succeed in any garden soil; hardy annual, blooming the first season if sown early.

Alba Plenissima Double White. Seeds saved from fine double flowers. 18 inches high. Price per oz., 75c.; per pkt., 10c.

Forget-Me-Not.

(See *Myosotis*).



GAILLARDIA—GRANDIFLORA DAZZLER.

Gaillardia.

Showy and universally admired annual, flowering the first year; among the gayest ornaments of summer flower beds.

Picta Indian Chief. New bronzy-red. Single annual. Per oz., \$1.00; per pkt., 10c.

Picta Lorenziana. A charming profuse double flowering strain; mixed colors. Annual. Price per oz., 75c.; per pkt., 10c.

Picta Fine Mixed. Single; annual. Price per oz., 50c.; per pkt., 10c.

HARDY PERENNIAL VARIETIES.

Grandiflora Dazzler. Golden yellow, maroon center. Price per oz., \$2.00; per pkt., 10c.

Grandiflora Sanguinea. Rich crimson with yellow border. Price per oz., \$1.25; per pkt., 10c.

Grandiflora Compacta Mixed. Bushy plants 12 to 15 inches, flowers long-stemmed and above foliage. Price per oz., \$1.00; per pkt., 10c.

Geranium.

Single Mixed Zonale. Including many varieties. Price per oz., \$2.00; per pkt., 10c.

Double Mixed Zonale. Excellent quality. Price per 1/2-oz., \$1.25; per pkt., 25c.

Pelargonium Zonale (Lady Washington). Desirable plants for pot culture; the flowers are borne in clusters, are rich and beautifully marked. Price per $\frac{3}{2}$ -oz., \$2.25; per pkt., 25c.

Apple Scented. Fragrant foliage. Price per $\frac{3}{2}$ -oz., \$1.25; per pkt., 25c.

Gilia.

Hardy annual, grows in almost any situation; profuse bloomers and fine for beds and rockeries.

Fine Mixed. Price per oz., 25c.; per pkt., 5c.

Globe Amaranth.

"Bachelor's Buttons." Garden annuals, forming bushy plants about two feet high and bearing a great many flowers, purple, white, striped, etc.; very desirable "Everlastings."

White. Price per oz., 50c.; per pkt., 10c.

Flesh Color. Price per oz., 50c.; per pkt., 10c.

Mixed Colors. Price per oz., 50c.; per pkt., 10c.

Godetia.

Satin Flower.

Very showy annual. The new, improved, tall, double, grandiflora type. Grows $1\frac{1}{2}$ to 2 feet and produce fine long trusses. Excellent for cutting.

	Oz.	Pkt.
Grandiflora Double Crimson	75c.	10c.
Grandiflora Mauve	75c.	10c.
Grandiflora Rosy Morn. Bright pink..	75c.	10c.
Grandiflora Mixed	75c.	10c.

Gourds.

A very ornamental class of rapid growing climbers. The fruit is of curious shapes, sizes and colors. All are hard shelled and will keep indefinitely.

Nest Egg. A capital nest egg. Produces fine white fruits, egg shaped. Per oz., 30c.; per pkt., 5c.

Orange. Dark yellow and orange shaped. Price per oz., 30c.; per pkt., 5c.

Lemon. Light yellow and lemon shaped. Price per oz., 30c.; per pkt., 5c.

Hercules' Club. Club shape. Grows 4 to 6 feet in length. Price per oz., 30c.; per pkt., 5c.

Dipper. Used as a dipper. Price per oz., 30c.; per pkt., 5c.

Dish Cloth. A vegetable dish cloth; tough and elastic. Fruit 2 feet in length. Price per oz., 30c.; per pkt., 5c.

Sugar Trough. This variety grows to a large size. Price per oz., 30c.; per pkt., 5c.

Calabash or Pipe Gourd. Grown extensively for use in making pipes. Price per oz., 30c.; per pkt., 5c.

Bottle. Resembles a bottle. Price per oz., 30c.; per pkt., 5c.

Knob Kerrie. Green and yellow, ball-shaped at the end of long slender neck. Price per oz., 50c.; per pkt., 10c.

Turk's Turban. Striped mixed. Price per oz., 25c.; per pkt., 5c.

Fancy and Ornamental. Small mixed varieties. Price per oz., 25c.; per pt., 5c.

Large Mixed. Large sized varieties. Price per oz., 25c.; per pkt., 5c.

Grasses--Ornamental.

For winter decoration these are very beautiful and should be cut before they are thoroughly ripe. Transplant as soon as they can be handled. This will allow them to develop their character.

Avena Sterilis (Animated Oats). Long, drooping panicles. Price per oz., 25c.; per pkt., 5c.

Briza Maxima (Quaking Grass). Price per oz., 50c.; per pkt., 5c.

Bromus Brizaeformis. One of the best grasses for dried bouquets. Price per oz., 25c.; per pkt., 5c.

Coix Lachrymae (Job's Tears). Price per oz., 20c.; per pkt., 5c.

Eragrostis Elegans (Love Grass). Price per oz., 50c.; per pkt., 10c.

Eulalia (Japonica Variegata). Commonly known as Ribbon Grass; long green leaves, striped white; fine for groups. Price per oz., 75c.; per pkt., 10c.

Gynerium Argenteum (Pampas Grass). Price per oz., 75c.; per pkt., 10c.

Stipa Pennata (Feather Grass). Indispensable in grass bouquets. Price per oz., \$3.50; per pkt., 20c.

Gypsophila. *Baby's Breath.*

Delicate free-flowering plants covered with a profusion of fine star-shaped flowers.

Gypsophila Paniculata. Sprays of delicate little white flowers. Hardy. Perennial. Per oz., 75c.; per pkt., 10c.

Paniculata Alba Double. New, fine for cutting, lasts better than single. Price per $\frac{1}{8}$ -oz., \$1.00; per pkt., 25c.

Grandiflora Alba. Paris Market. Improved large flowering. Annual. Pure white. Beautiful in combination with other flowers. Make several sowings to keep up supply through season. Price per oz., 30c.; per pkt., 5c.

Muralis. Small pink flowered, annual, for rock gardens and borders. Per oz., 75c.; per pkt., 5c.



HELICHRYSUM MONSTROSUM.

Helichrysum. *Straw Flower.*

Bright and attractive summer blooming annuals of free growth and producing in abundance large double red, white and yellow flowers, valuable as an "Everlasting." The following are new improved large double flowering.

Yellow Monstrosum. Per oz., \$1.00; per pkt., 10c.

Fireball Monstrosum. Per oz., \$1.00; per pkt., 10c.

White Monstrosum. Per oz., \$1.00; per pkt., 10c.

Monstrosum Mixed Large Flowering. Double. Price per oz., 75c.; per pkt., 10c.

Heliotrope.

A half-hardy perennial, flowering during the whole season; deliciously fragrant and a splendid bedding plant. Seeds sown in the spring will make fine plants for summer blooming.

Regal. Dwarf, giant-flowered, fine, improved variety. Large masses of bloom, all shades. Price per oz., \$4.00; per pkt., 15c.

Lemoines' Large Flowering Mixed. All colors of the Giant type. Price per ¼-oz., 50c.; per pkt., 10c.

Helianthus or Sunflower.

Tall growing plants, with large and showy yellow flowers. Hardy annuals.

SINGLE VARIETIES.

Augustiflora (Autumn Glory). New and valuable, producing great numbers of small, single blooms suitable for cutting. Per oz., \$1.00; pkt., 10c.

Red Sunflower. New unique novelty. Price per oz., 50c.; per pkt., 5c.

Miniature (Cucumerifolia). Bushy habit, profuse in its bloom of small bright yellow, black-centered flowers. Price per oz., 50c.; per pkt., 5c.

Stella. Branching habit. Flowers from two to three inches in diameter, with black centers. Price per oz., 75c.; per pkt., 5c.

Orion. New variety of Stella strain; petals twisted like cactus dahlia. Per oz., 50c.; per pkt., 5c.

Argyrophyllus. Handsome plants usually about 4 feet high, silvery foliage, flowers small, with dark centers. Price per oz., 30c.; per pkt., 5c.

Mammoth Russian. Grows 8 to 12 feet high, bearing single heads measuring from 15 to 18 inches in diameter. Price per oz., 10c.; per pkt., 5c.

DOUBLE VARIETIES.

Californicus. Very fine, double, golden yellow. 5 feet. Price per oz., 25c.; per pkt., 5c.

Globosus Fistulosus. Flowers large and a rich saffron color. 6 feet. Per oz., 25c.; per pkt., 5c.

New Giant Hibiscus.

Marshmallow.

Showy ornamental perennials, for mixed beds or shrubby borders, having large-sized, beautifully colored flowers; blooms the first year if sown early.

Mallow Pink. Flowers a light mallow pink, 9 inches diameter. Per oz., \$1.00; per pkt., 10c.

Red. Price per oz., \$1.00; per pkt., 10c.

White. Price per oz., \$1.00; per pkt., 10c.

Mixed. All colors. Per oz., 75c.; per pkt., 10c.

Hyacinth Bean.

Dolichos.

An annual climber, producing clustered spikes of purple and white flowers, followed by exceedingly ornamental seed pods.

Daylight. Large wistaria-like racemes of snow-white, sweet-scented flowers, followed by silvery white seed pods. Price per oz., 30c.; per pkt., 5c.

Darkness. Similar to above, except in color, which is a rich purple-violet. Per oz., 30c.; per pkt., 5c.

Lablab Mixed. Price per oz., 25c.; per pkt., 5c.



CHATER'S HOLLYHOCK.

Hollyhock.

For majestic growth and massive beauty the hollyhock stands unrivaled. Flowers very large, perfectly double, and of great variety of color.

Chater's Dark Crimson. Per ¼-oz., 50c.; per pkt., 10c.

Chater's Newport Pink. Per ¼-oz., 50c.; per pkt., 10c.

Chater's Salmon Rose. Per ¼-oz., 50c.; per pkt., 10c.

Chater's Sulphur Yellow. ¼-oz., 50c.; per pkt., 10c.

Chater's White. Per ¼-oz., 50c.; per pkt., 10c.

Extra Choice Double Mixed. Chater's strain. Per ¼-oz., 40c.; per pkt., 10c.

"Allegheny" Single Fringed Mixed. Mammoth flowers, wonderfully formed of loosely arranged fringed petals. Per ¼-oz., 30c.; per pkt., 10c.

Annual. Single and double mixed. Perpetual flowering, presents a handsome appearance when covered with their artistic blossoms. Per ¼-oz., 25c.; per pkt., 10c.

Humulus.

Japanese Hop.

Japonica. The foliage is very dense, and in color a lively green. Per oz., 75c.; per pkt., 10c.

Variegated. A variegated variety with green and white leaves. Per oz., 75c.; per pkt., 10c.

Ice Plant.

Suitable for rock work, hanging baskets, etc. Foliage thick, flowers frosted, wax-like.

Mesenbryanthemum. Per oz., 50c.; per pkt., 5c.

Impatiens.

Holstii Hybrids. Strong, bushy plants, about 2 feet high; covered with flowers throughout the season. When grown as a pot plant they bloom the year round. Mixed. Per ¼-oz., \$1.00; per pkt., 15c.

Ipomea.

This is a rapid and luxuriant summer climber, profuse in its blooms of large, beautiful flowers, and invaluable.

Imperial Japanese. Handsomest of all Morning Glories. The flowers are of gigantic size, and the coloring beyond description, ranging from snow-white to black purple. Mixed. Price per oz., 25c.; per pkt., 10c.

Rubra Coerulea (Heavenly Blue). Immense flowers of bright sky-blue. Per oz., \$1.00; pkt., 10c.

Bona Nox (Evening Glory). Large, blue, fragrant flowers. Price per oz., 50c.; per pkt., 10c.

Grandiflora Alba (Moon Flower). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. Grows very rapidly. Price per oz., 50c.; per pkt., 10c.

Quamoclit Hybrid (Cardinal Climber). One of the finest annual climbers, 20 to 25 feet, flowers size of half-dollar, intense scarlet. Seed should be notched or soaked to aid germination. Price per oz., \$2.50; per pkt., 15c.

Kenilworth Ivy.

Linaria Cymbalaria.

A violet flower, neat, hardy perennial trailing plant, suitable for baskets, vases and rock work. Price per ¼-oz., \$1.00; per pkt., 10c.



Kochia.

Summer Cypress.

Tricophylla. Improved Childsii. An easily-grown annual with perfect symmetry. It is a lively green, but on the approach of autumn the whole plant becomes a bright scarlet, making in all a very desirable plant. During the summer it obtains a height of about 3 feet. Per oz., 35c.; per pkt., 5c.

Kudzu Vine.

Pueraria Thunbergiana.

A twining vine of remarkably rapid growth, attaining a length of 40 to 50 feet in one season. Hardy, though the vine dies down every winter.

Foliage large and lobed, purple, pea-shaped flowers in clusters. A fine vine for arbors, verandas, etc. Price per oz., 50c.; per pkt., 10c.

Lantana.

A most desirable half-hardy, greenhouse or bedding plant, constantly in bloom; verbenalike heads of orange, white, rose and other colored flowers.

Finest Mixed. Price per oz., 75c.; per pkt., 10c.

Larkspur Annual.

Delphinium.

Beautiful, hardy annuals, producing dense spikes of flowers, which are very ornamental, either in the garden or when cut for vases. Set 10 inches apart. Sow seed either late fall or early spring.



Double Stock Flowered (Exquisite Pink). New tall pink; soft; fine florist's flower. Price per oz., \$1.00; per pkt., 10c.

Double Stock Flowered. Tall dark blue. Price per oz., 50c.; per pkt., 10c.

Double Stock Flowered. Tall mixed. Price per oz., 50c.; per pkt., 10c.

Double Stock Flowered. Dwarf mixed. Beautiful spikes of flowers in the most delicate colors. Price per oz., 50c.; per pkt., 10c.

Lathyrus.

Everlasting Peas.

Showy, free-flowering plant, very ornamental on trellis work. Blooms excellent for cutting. Hardy perennial.

	Oz.	Pkt.
Latifolius, White	\$1.75	10c.
Latifolius, Pink Beauty	1.75	10c.
Latifolius, Scarlet	1.00	10c.
Mixed .....	.75	10c.

Lavender.

Lavender Vera.

Slender spikes of lavender flowers, very fragrant. Hardy perennial. Per oz., 75c.; per pkt., 10c.

Linum. *Flowering Flax.*

A showy bedding plant of the flax family, having brilliant flowers of various colors, borne on slender stems, with fine foliage. Hardy annual.

Grandiflorum Rubrum. (Scarlet Flax). Annual; bright scarlet. Price per oz., 50c.; per pkt., 10c.

Mixed. Perennial; white and blue. Price per oz., 75c.; per pkt., 10c.

Lobelia.

The following dwarf and trailing varieties of this popular and beautiful flowering plant are desirable for pot culture, edgings, hanging baskets, etc., blooming profusely from June to November. Half-hardy annual.

ERINUS VARIETIES,

for Baskets, Vases, etc. Six to nine inches.

Gracilis. Light blue; long slender, trailing stems. Price per oz., \$2.25; per pkt., 10c.

Speciosa. Deep blue, dark foliage, trailing. Price per oz., \$2.00; per pkt., 10c.

COMPACTA VARIETIES,

for Edgings, etc. Four to six inches.

Crystal Palace. Dark blue; fine for bedding. Price per 1/8-oz., 50c.; per pkt., 10c.

Emperor. Compact, bright blue. Price per 1/4-oz., 75c.; per pkt., 10c.

White Gem. Pure white. Price per 1/4-oz., 75c.; per pkt., 10c.

Compacta Mixed. Price per oz., \$3.00; per pkt., 10c.

Lupinus.

Many of the varieties are of a stately, robust growth, valuable for mixed flower and shrubby borders.

Annual Mixed. Rich and various colored pea-shaped flowers. Two feet. Per oz., 25c.; per pkt., 5c.

Perennial Mixed. Hardy perennial varieties, in blue and white mixed. Per oz., 30c.; per pkt., 5c.

Lychnis.

Viscaria. Rosy-lilac. Two feet. Price per oz., 75c.; per pkt., 10c.

Chalcedonica. Brilliant orange, scarlet, Maltese Cross (Jerusalem Cross), 2 to 3 ft. Price per oz., \$1.00; per pkt., 10c.

Maurandia.

Beautiful, rapid-growing climbers, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse. A half-hardy perennial, flowering first season if sown early; 10 feet.

Barclayana. Purple. Per oz., \$2.50; per pkt., 10c.

Mixed. All colors. Per oz., \$2.00; per pkt., 10c.

Marigold.

A popular hardy annual of vigorous growth, producing a magnificent display of yellow, orange and maroon flowers.

AFRICAN VARIETIES.

Orange Prince. A splendid tall very double rich orange sort. Price per oz., 75c.; per pkt., 10c.

Lemon Queen. Another fine tall variety; clear lemon-yellow. Price per oz., 75c.; per pkt., 10c.

Pride of the Garden. Immense flowers, densely double. Color, golden-yellow. A feature of this variety is the compact, dwarf habit of the plant, which forms dense bushes 15 to 18 inches high. Price per oz., 75c.; per pkt., 10c.

Large African. Double, tall mixed, especially fine large quilled type, orange and lemon shades, two to three feet. Price per oz., 50c.; per pkt., 10c.

FRENCH VARIETIES.

Josephine. Single brown and gold, long stems, height two feet, new and very desirable. Price per oz., 50c.; per pkt., 10c.



MARIGOLD—DOUBLE TALL AFRICAN.

Legion of Honor. A dwarf single variety. Blooms early and until late in the fall. Flowers rich golden yellow, marked velvety brown. Price per oz., 35c.; per pkt., 5c.

Dwarf, Golden Striped. Double, velvety maroon, striped gold. Price per oz., 35c.; per pkt., 5c.

French Double Dwarf Mixed. Price per oz., 35c.; per pkt., 5c.

French Tall Double Mixed. A combination of the best varieties, including new sorts; excellent for cutting; height two feet. Per oz., 35c.; per pkt., 5c.

Marvel of Peru.*Four O'Clock.*

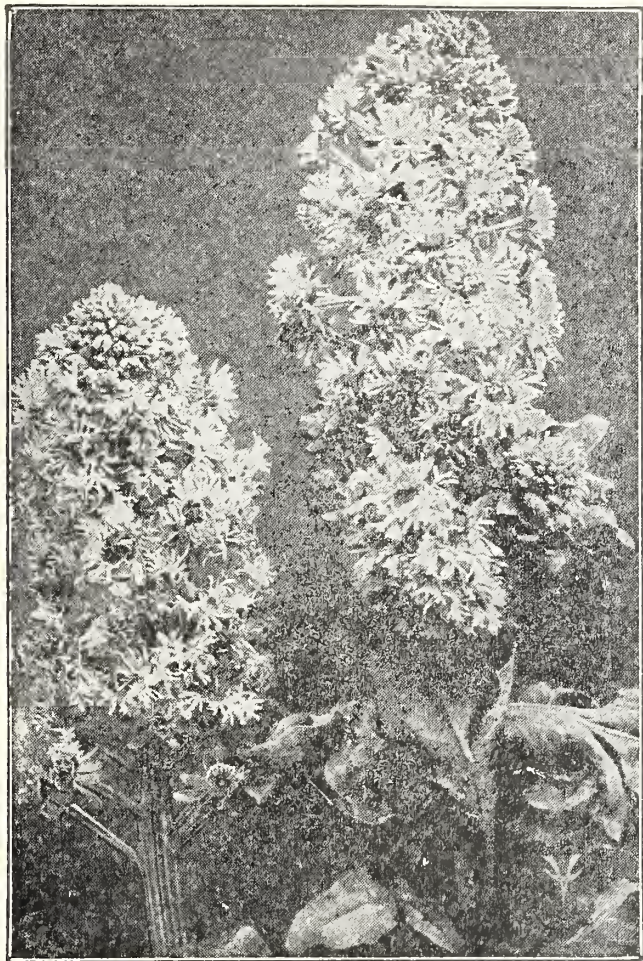
Of branching habit, bearing hundreds of flowers during the season, of white, yellow, crimson and violet; some varieties combining two or more of these colors. Two feet.

Marvel of Peru or Four O'Clock. Mixed. Price per oz., 20c.; per pkt., 5c.

Mignonette.

A hardy annual, producing dense spikes of exceedingly fragrant flowers. If sown at intervals in spring and early summer it will bloom until killed by frost. The machet types are continuous blooming.

Bismark. An improved machet, long red spikes, delicious fragrance. Per oz., 75c.; per pkt., 10c.



MIGNONETTE.

Golden Queen. Compact bedding sort. Color distinct, very sweet. Price per oz., 50c.; pkt., 10c.

New York Market. A magnificent large florists' strain of machet for greenhouse or outside. Price per oz., \$1.00; per pkt., 10c.

Machet Orange Queen. Beautifully colored, immense spikes, true machet type. Excellent variety for general uses. Per oz., 60c.; per pkt., 10c.

Red Goliath. Immense spikes of double red flowers. Price per oz., \$1.00; per pkt., 10c.

Machet White Pearl. Large spikes, the best white, very fragrant. Per oz., \$1.50; per pkt., 10c.

Mimosa.

Sensitive Plant.

Pudica. Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken. One and one-half feet. Price per oz., 75c.; per pkt., 10c.

Mimulus.

Monkey Flower.

Bushy plants one foot high. Flowers various shades of yellow, spotted and marked crimson.

Tigrinus. Mixed and spotted varieties. Price per $\frac{1}{8}$ -oz., \$1.00; per pkt., 10c.

Moschatus (Musk Plant). Foliage emits a strong musky perfume; flowers canary yellow. Price per $\frac{1}{2}$ -oz., 75c.; per pkt., 10c.

Mina.

Lobata. Half-hardy, climbing annual. The buds are red, but turn to orange-yellow before they open. The flowers are of a creamy white. Price per oz., \$3.00; per pkt., 10c.

Moon Flower.

(See *Ipomea*).

Mormordica.

Annual climbers, with ornamental foliage, fruit golden yellow, warted, and when ripe, opens, showing the seeds and its brilliant carmine interior. Height, 10 to 15 feet.

Balsamina. Apple-shaped fruit. Price per oz., 60c.; per pkt., 10c.

Charantia. Pear-shaped fruit. Price per oz., 60c.; per pkt., 10c.

Morning Glory.

(See *Convolvulus* and *Ipomea*).

Myosotis.

Forget-Me-Not.

A well-known plant, bearing clusters of star-like flowers, best adapted to moist situations, though growing in almost any soil. Half-hardy perennial. Sown early will flower same season. Sow in cold frames July or August for early spring blooms. The *Alpestris* and *Dissitiflora* flower in April, the *Palustris* in May and continue until fall.

Alpestris Royal Blue. Rich blue, with long stems. Price per $\frac{1}{4}$ -oz., 40c.; per pkt., 10c.

Alpestris Alba. Pure white. Price per $\frac{1}{4}$ -oz., 40c.; per pkt., 10c.

Alpestris Robusta Grandiflora. Improved. Large clusters of bloom, bright blue. Price per $\frac{1}{4}$ -oz., 60c.; per pkt., 10c.

Dissitiflora. Dwarf, compact, early, beautifully adapted to planting among spring flowering bulbs. Large flowering, dark blue, flowers in clusters, one of the best. Price per $\frac{1}{8}$ -oz., \$1.00; per pkt., 10c.

Palustris Semperflorens. True marsh forget-me-not. A dwarf forget-me-not, always in bloom. Blue, 6 to 8 inches. Per $\frac{1}{8}$ -oz., 60c.; per pkt., 10c.

Myrsiphyllum.

(See *Smilax*).

Nigella.

Love in a Mist, or Devil in a Bush.

A compact, free-flowering plant, with finely cut foliage, curious flowers and seed pods. Hardy annual. One foot.

Damascena. Blue and white mixed. Price per oz., 30c.; per pkt., 5c.

Miss Jekyll. A splendid variety with corn-flower blue blossoms; excellent for cutting. Price per oz., 50c.; per pkt., 5c.

Nicotiana.

Desirable plants of the tobacco family, valuable for their long duration and freedom of bloom. Half-hardy annuals.

Affinis. Flowers large, white, fragrant, and fully expanded in evening or cloudy days. Price per oz., 75c.; per pkt., 10c.

Sanderæ Hybrid. A splendid type in a great variety of colors. Price per oz., \$1.00; pkt., 10c.

Sylvestris. Similar to *Affinis*; leaves larger, plants pyramidal. Flowers pure white, fragrant. Useful with other plants or by itself. Per oz., 75c.; per pkt., 10c.

Nemophila.

A charming class of dwarf-growing, free-flowering hardy annuals of spreading habit.

Marginata. Azure blue, edged with white. Price per oz., 35c.; per pkt., 5c.

Finest Mixed Colors. Per oz., 35c.; pkt., 5c.



Nasturtium.

Tropaeolum.

Plants of great beauty, blooming throughout the summer and fall, and in the greenhouse during the winter. The tall varieties make good covering for walls and trellises. The compact growth and rich-colored flowers of the dwarf varieties make them desirable for bedding plants.

DWARF VARIETIES.

Aurora. Cream yellow, veined with carmine. Price per oz., 20c.; per pkt., 5c.

Beauty. Yellow, striped with red. Price per oz., 20c.; per pkt., 5c.

Cloth of Gold. Scarlet flowers with golden yellow foliage. Price per oz., 20c.; per pkt., 5c.

Crystal Palace Gem. Sulphur yellow, spotted maroon. Price per oz., 20c.; per pkt., 5c.

DWARF VARIETIES —Continued.

Empress of India. Very dark green foliage; flowers bright crimson. Price per oz., 20c.; per pkt., 5c.

Golden Queen. Yellow foliage with golden yellow flowers. Price per oz., 20c.; per pkt., 5c.

Golden King. Pure bright yellow. Price per oz., 20c.; per pkt., 5c.

King of Tom Thumbs. Intense scarlet. Price per oz., 20c.; per pkt., 5c.

King Theodore. Deep maroon flowers and dark foliage. Price per oz., 20c.; per pkt., 5c.

Pearl. Creamy white. Price per oz., 20c.; per pkt., 5c.

Rose. Dark pink. Price per oz., 20c.; per pkt., 5c.

Dwarf Special Mixed. All best colors. An exceedingly attractive high quality mixture. Price per lb., \$1.50; per ¼-lb., 40c.; per oz., 15c.; per pkt., 5c.

TALL VARIETIES.

King Theodore. The deepest and richest dark crimson nasturtiums, having a soft, velvety texture. Price per oz., 20c.; per pkt., 5c.

Jupiter. Mammoth flowers; of a rich golden yellow. Price per oz., 20c.; per pkt., 5c.

Vesuvius. A most desirable variety with flowers of a salmon rose. Price per oz., 20c.; per pkt., 5c.

Schulzi. A rich scarlet; dark leaved. Price per oz., 20c.; per pkt., 5c.

Moonlight. Large flowers of clear, pale lemon color. Price per oz., 20c.; per pkt., 5c.

Twilight. Very large flowers of delicate salmon, marked with rose. Price per oz., 20c.; per pkt., 5c.

Butterfly. Light yellow, marked with red. Price per oz., 20c.; per pkt., 5c.

Mixed Tall Varieties. This mixture is extra choice containing a wide variety of the finest in color and size. Price per lb., \$1.25; per ¼-lb., 35c.; per oz., 15c.; per pkt., 5c.

Lobbianum Nasturtium.

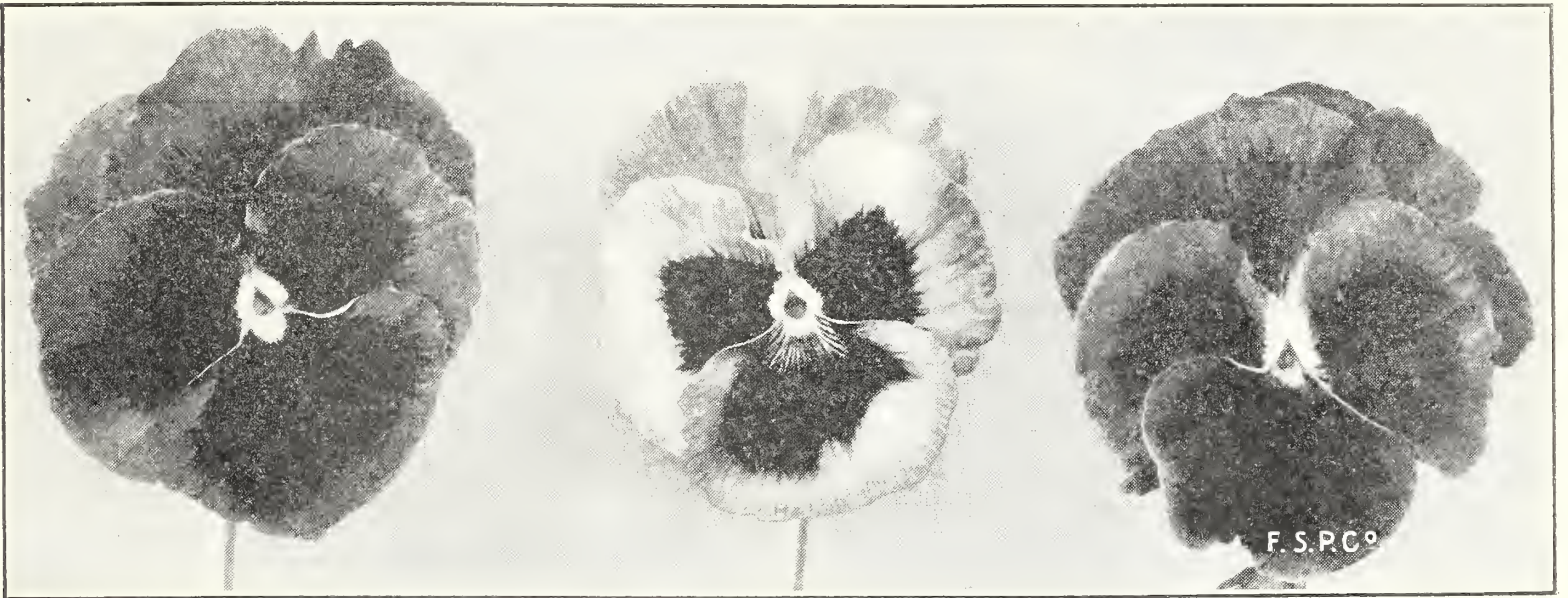
There is little difference between these and the tall Nasturtiums. They are especially rich in the red shades, flower even freer, grow to the same height.

Brilliant. Rich geranium scarlet. Price per oz., 20c.; per pkt., 5c.

Golden Queen. Orange-yellow. Price per oz., 20c.; per pkt., 5c.

Asa Gray. Cream white. Price per oz., 20c.; per pkt., 5c.

Finest Mixed. Price per oz., 20c.; per pkt., 5c.



PLATT'S SUPERLATIVE PANSY.

Pansy.

Heartsease.

The pansy stands in a class by itself. It is a flower that everyone admires, even if only a small place to raise them. The pansy produces best results during the cool days of spring, and in a sandy loam thoroughly prepared and supplied with well-rotted manure. To assist germination by retaining moisture, cover the seed bed with sheeting or single burlap, removing as soon as seedlings begin to appear. From this time on it is important never to let the soil become dry; to do so it fatal; keep moist but not soaking wet. For spring flowers, sow seed in August and protect during the winter. Half-hardy perennial.

Platt's Superlative Mixed. This is the very richest mixture of giant long-stemmed pansies, early and free blooming, containing the choicest sorts grown by a foremost specialist. It has the widest variation in one mixture, including new shades and ruffled types. The plant also is of strong, compact growth. To those wishing extra quality there is no better seed obtainable. Price per oz., \$8.00; per pkt., 25c.

Bugnot's Striped and Blotched. A very beautiful class, large flowers, the two upper petals usually finely veined, the lower with broad blotches in wide variety of handsome and rare colors. Price per oz., \$5.00; per pkt., 25c.

Masterpiece. A distinct type of extra large size, having undulated petals, making it appear double. Mixed colors. Price per oz., \$6.00; per pkt., 25c.

Giant Madame Perret. A new mammoth strain, producing faultless flowers of rose, ruby and wine shades on white ground. Price per oz., \$3.50; per pkt., 15c.

Parisian Giant, Stained. Trimardeau type. Many beautiful shades and colorings. Mostly white ground and five spotted. Price per oz., \$5.00; per pkt., 15c.

Orchid Flowered. A distinct and beautiful strain of Pansy, having delicate tints and soft shades of colors. Price per oz., \$5.00; per pkt., 25c.

Trimardeau Mixed, or Giant Pansies. Are very much improved in every respect over the older sorts of the same name. Of strong, robust growth, well-formed flowers, large size and great variety of color. Price per $\frac{1}{4}$ -lb., \$5.50; per oz., \$2.00; per pkt., 10c.

Fine Mixed. Consisting of all colors, though not large flowered as above, inclined to be more free flowering; fine for large beds. Price per $\frac{1}{4}$ -lb., \$4.50; per oz., \$1.25; per pkt., 10c.

Lord Beaconsfield. Giant Trimardeau. Deep purple-violet, shading to white on the upper petals; very effective. Price per oz., \$3.00; per pkt., 10c.

King of the Blacks. Giant Trimardeau. Almost coal black. Price per oz., \$3.00; per pkt., 10c.

Emperor. Giant Trimardeau. Ultra-marine blue, with purple violet eyes. Price per oz., \$3.00; per pkt., 10c.

Peacock Blue. Giant Trimardeau. Rich velvety blue, white edge. Price per oz., \$3.00; per pkt., 10c.

Light Blue. Giant Trimardeau. Beautiful sky blue. Price per oz., \$3.00; per pkt., 10c.

Golden Queen. Giant Trimardeau. Large and fine for bedding. Price per oz., \$3.00; per pkt., 10c.

Snow Flake. Giant Trimardeau. Pure satiny-white; very fine. Price per oz., \$3.00; per pkt., 10c.

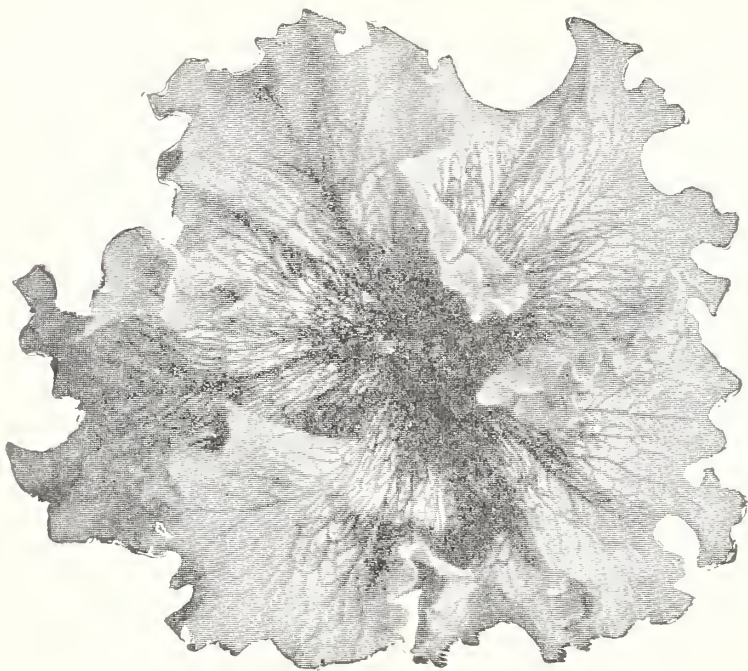
Red Victoria. Wine color; very fine. Price per oz., \$2.50; per pkt., 10c.

Passiflora.

Passion Flower.

Indispensable climbing plants for the garden or greenhouse, bearing a profusion of attractive flowers.

Coerula. Blue. Price per oz., \$1.25; per pkt., 10c.



PLATT'S SUPERB LARGE-FLOWERING.

Petunia.

The brilliancy and variety of its colors, combined with the duration of its blooming period render it invaluable. The plants are of easy culture and thrive well in any good garden soil.

Double Mixed. Large-flowering, fringed; saved only from the very choicest plants. Double Petunia does not come true from seed. This strain will produce 30 to 35 per cent double flowering plants, which is a high per cent. The weaker plants should be carefully saved, as they usually produce the finest double flowers. Price per $\frac{1}{2}$ -oz., \$10.00; per pkt., 50c.

Platt's Superb Large-flowering. Single ruffled and fringed giants saved from finest flowers; of very large size and beautiful shape, deep-throated and of varied and brilliant colors. Price per $\frac{1}{8}$ -oz., \$3.00; per pkt., 25c.

California Giants. The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc. Price per $\frac{1}{8}$ -oz., \$3.00; per pkt., 25c.

Howard's Star. A beautiful free-flowering strain, color crimson-maroon, with a clearly defined five-pointed star of blush white. Price per $\frac{1}{4}$ -oz., \$1.50; per pkt., 15c.

Striped and Blotched. A good strain of the small flowering type; fine for massing. Price per oz., \$2.00; per pkt., 10c.

Rosy Morn. Compact plants. Bright rosy pink, white throat, beautiful free bloomer. Price per oz., \$3.00; per pkt., 10c.

Snowball. Pure white flowers, on compact plants. Very fine. Price per oz., \$2.25; per pkt., 10c.

Elk's Pride. Richest royal purple, plain edged, medium size. A wonderful porch box plant. Per $\frac{1}{8}$ -oz., \$6.00; per pkt., 25c.

Balcony Blue. Rich velvety blue. Price per $\frac{1}{8}$ -oz., \$1.00; per pkt., 15c.

Balcony Rose. Rose pink. Price per $\frac{1}{8}$ -oz., 75c.; per pkt., 15c.

Balcony White. Splendid large-flowered type for window boxes or baskets. Price per $\frac{1}{8}$ -oz., 75c.; per pkt., 15c.

Hybrida Compacta Mixed. Very rich mixture of the smaller-flowered type, for bedding. Price per oz., \$1.50; per pkt., 10c.

Phlox.

This splendid genus of plants is unrivaled for richness of color, profusion of blossoms, length of duration in bloom, and whether in clumps or masses, look equally beautiful.

Grandiflora.

Those of the Grandiflora type are the largest flowered and grow about 15 inches high.

Alba. Pure white, extra large. Price per oz., \$1.50; per pkt., 10c.

Deep Rose. Price per oz., \$1.50; per pkt., 10c.

Vivid Crimson. Price per oz., \$1.50; per pkt., 10c.

Violacea Alba-Oculata. Violet with white eye. Price per oz., \$1.50; per pkt., 10c.

Large Yellow. A very fine color. Price per oz., \$1.50; per pkt., 10c.

Grandiflora Splendid Mixed. Includes all of the above and many other shades and colors. Price per oz., \$1.00; per pkt., 10c.

Star of Quedlinburgh. Star-shaped Phlox of dwarf habit, with very pretty flowers, mixed colors. Price per oz., \$1.50; per pkt., 10c.

Dwarf Phlox.

Phlox Drummondii Nana Compacta.

These are the best for ribbon bedding or borders. The plants grow very symmetrically in neat little bushes about eight inches high; covered with flowers during the whole summer and fall.

Snowball. Flowers pure white; the plants resemble large snowballs when in full bloom. Price per oz., \$4.00; per pkt., 10c.

Fireball. Glowing brilliant scarlet. Price per oz., \$4.00; per pkt., 10c.

Dwarf Phlox, Mixed. Per oz., \$2.50; per pkt., 10c.

Hardy Perennial Phlox. One of the finest for hardy border; this seed is from the new large-flowered Grandiflora; height, 3 to 3½ feet. Price per oz., \$3.00; per pkt., 10c.

Poppies.

Well-known hardy annuals and perennials, flowering in profusion throughout the summer. The brilliant colorings of the poppy family, both single and double, varying as they do from the most intense scarlet down through the whole range of coloring to the delicate pink, yellow and white, make them indispensable in the flower garden.

American Legion (New Shirley). Brilliant orange scarlet, enormous size, borne on long, stout stems. Price per oz., 60c.; per pkt., 5c.

Shirley, Finest Mixed. A beautiful type and a great variety of colors, from pure white and delicate pink to deep crimson and beautifully striped. A most charming variety. Two feet. Price per oz., 40c.; per pkt., 5c.

Double Shirley (Ryburg Hybrids). New Strain, beautiful shades mixed. Per oz., 75c.; per pkt., 5c.

Danebrog or Danish Cross. Large flowers of brilliant scarlet with a silvery-white spot on each petal, forming a white cross. Price per oz., 25c.; per pkt., 5c.

Tulip Flowered. Brilliant scarlet flowers borne well above the foliage. The petals form a tulip-shaped cup and after a time black spots appear at the base of each petal. Hardy annual. One foot. Price per oz., 60c.; per pkt., 5c.

The Bride. Pure white. Two feet. Price per oz., 25c.; per pkt., 5c.

Poppies—Continued.

Mikado. Double white striped crimson. Two feet. Price per oz., 30c.; per pkt., 5c.

Double Carnation Flowered. Finest Mixed. Two feet. Price per oz., 25c.; per pkt., 5c.

Peony Flowered Shrimp Pink. New beautiful shade, fine in border or as cut flower. Price per oz., 40c.; per pkt., 5c.

Paeony Flowered. Double flowers of the largest size, and paeony shaped. Finest mixed. Two feet. Price per oz., 25c.; per pkt., 5c.

HARDY PERENNIAL VARIETIES.

Oriental Crimson. Price per oz., \$3.50; pkt., 10c.

Oriental Hybrids. Mixed. Price per oz., \$2.00; per pkt., 10c.

Oriental Bracteatum. Deep scarlet, enormous flowers. Price per oz., \$2.00; per pkt., 10c.

Nudicaule Hybrids Mixed. New reselected strain. (Iceland Poppy). If sown early in spring will bloom first season. The delicate form and bright colors make them especially desirable as a border plant. Hardy perennial. One foot. Price per oz., \$4.50; per pkt., 10c.

Physalis Francheti.

Chinese Lantern Plant or Winter Cherry.

Fruit is deep red in color, edible and enclosed in large, balloon-shaped husks of brilliant orange red. Popular for winter bouquets. Hardy annual. Price per oz., \$2.00; per pkt., 10c.

**Portulaca.**

These brilliant and popular hardy annuals are of the easiest culture, luxuriant in an exposed sunny situation, and producing throughout the summer their various colored flowers in the greatest profusion.

Alba. Single. Clear white. Per oz., 75c.; pkt., 10c.

Pink. Delicate pink shade; single. Price per oz., 5c.; per pkt., 10c.

Splendens. Single, crimson. Price per oz., 75c.; per pkt., 10c.

Splendid Mixed Single. Per oz., 75c.; pkt., 10c.

Large Flowering, Double Mixed. Large perfect flowers perfectly double, making a gorgeous display, remaining open all day. Price per oz., \$2.00; per pkt., 10c.

Primula.

Primula Chinensis.

A beautiful flowering plant for winter or spring decorations in the home or conservatory; $\frac{1}{2}$ -oz. contains about 1,000 seeds. The following are new giant flowering, a wonderful advance on the old type.

Giant Pink. A most striking shade of delicate carmine pink. The finest of all giant fringed primulas; petals extremely large and of great substance. Price per $\frac{1}{2}$ -oz., \$3.50; per pkt., 35c.

Queen Alexandra. The largest, fringed, white in existence; a grand advance on the old type. Price per $\frac{1}{2}$ -oz., \$3.00; per pkt., 35c.

Excelsior Giant Mixed. A magnificent strain of the giant fringed primula, includes the new and finest procurable. Per $\frac{1}{2}$ -oz., \$3.00; per pkt., 35c.

PRIMULA MALACOIDES.

Pink Beauty. A graceful type of primula which has become very popular for conservatory or house decoration in the brief time since its introduction. Numerous flower spikes in bloom over a long season are borne well above the mat foliage. Pink Beauty is one of the most beautiful in this class; rose pink with rich cream colored eye. Award of Merit R. H. S. Per $\frac{1}{2}$ -oz., \$3.00; pkt., 25c.

Primula Obconica.

A profuse bloomer, bearing long stems with heads of ten or twelve flowers.

Grandiflora Fimbriata. Price per $\frac{1}{2}$ -oz., \$1.25; per pkt., 25c.

Obconica Fimbriata Gigantea. A fringed variety. Price per $\frac{1}{2}$ -oz., \$1.50; per pkt., 25c.

Polyanthus.

Primula Elatior.

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials. Nine inches.

Polyanthus, English. Choice strain bedding hybrids. Price per $\frac{1}{8}$ -oz., \$1.50; per pkt., 10c.

Hardy Primroses.

These are among the best of the early spring blooming plants. With a slight protection they will stand the winter, but do better if protected by a cold frame.

Primula Japonica (Japanese Primrose). Mixed colors. Bright and showy flowers, borne in whorls on stems six to nine inches long. Price per oz., \$3.00; per pkt., 15c.

Primula Auricula. Large flowering choice strain, cream white to golden yellow and palest mauve to the deepest purple. Sweet scented. Price per $\frac{1}{2}$ -oz., \$1.00; per pkt., 25c.

Pyrethrum.

Handsome herbaceous plants of easy culture. *P. Aureum* is the well-known Golden Feather, so much used for carpet bedding, edging etc. From the flowers of *P. Roseum* is obtained the Persian insect powder. *P. Hybridum* and varieties are among the handsomest of hardy flowering herbaceous plants.

Grandiflorum Aureum (Golden Feather). Bright yellow foliage. Price per oz., 75c.; per pkt., 10c.

Hybridum Grandiflorum. Large-flowering, single mixed. Hardy perennial, ranging in color from light pink to deep red, with bright yellow centers. Price per oz., \$3.00; per pkt., 10c.

Hybridum. Double mixed. Large flowers resembling China Aster, only more refined. Price per $\frac{1}{8}$ -oz., \$2.50; per pkt., 25c.



SALPIGLOSSIS.

Rhodanthe.

Everlasting or Straw Flower.

Garden annual, one foot high, flowering early and continuously. Flowers are of various colors on long slender stems.

Manglesii. Single, bright rose. Price per oz., \$1.00; per pkt., 10c.

Mixed. White and rose shades. Price per oz., \$1.00; per pkt., 10c.

Ricinus.

Castor Oil Bean.

Large, luxuriant, rapid-growing foliage, annual, with palm-like leaves; much used for sub-tropical effects on the lawn, or for centers of beds of foliage plants.

Borboniensis. Grows very large and rank; foliage green; 15 feet. Price per oz., 25c.; per pkt., 5c.

Red Spire. New, 6 ft. Attractive bronzy green foliage with rosy crimson seed spikes. Price per oz., 25c.; per pkt., 10c.

Gibsonii Mirabilis. Compact dwarf plants, 4 feet, very fine, red foliage and stems. Price per oz., 25c.; per pkt., 5c.

Zanzibarensis. The different varieties included in our mixture have light and dark green leaves and some of coppery bronze, changing to dark green, with reddish ribs; six to ten feet. Price per oz., 25c.; per pkt., 5c.

Finest Mixed. Price per oz., 20c.; per pkt., 5c.

Rudbeckia.

Cone Flower.

These robust-growing plants are fine free-flowering annuals. Of very easy culture.

Bicolor Superba. An annual variety; bright yellow with black-purple center. Price per oz., \$1.50; per pkt., 10c.

Neumani. Perennial; grows two feet; large golden-yellow flowers, with velvety maroon center cone. Price per oz., \$2.00; per pkt., 10c.

Salpiglossis.

Annual, about 18 inches high, bearing throughout the season large flowers of many beautiful colors, all exquisitely veined and laced.

	¼-oz.	Pkt.
Grandiflora Purple with Gold	50c.	10c.
Superbissima Brown with Gold	50c.	10c.
Superbissima Brilliant Crimson	50c.	10c.
Superbissima Large Flowering Mixed	40c.	10c.

Salvia.

Flowering Sage.

Splendid ornamental plants for outdoor decorations, their beautiful spikes of brilliant scarlet flowers being produced in great profusion, from July until October. Half-hardy annual.

America (Globe of Fire). Very dwarf and uniform, the bushy plants are only 15 inches tall, with spikes in profusion rising ten inches above the plant; exceptionally valuable for beds, borders or edging. Price per oz., \$5.00; per pkt., 20c.

Splendens. Scarlet, free bloomer, three feet tall, old favorite variety. Price per oz., \$2.50; per pkt., 10c.

Splendens "Bonfire." (Nana Compacta Erecta). Growing in a compact bush about two feet high. Its erect spikes of flowers of brilliant scarlet stand clear above the dark green foliage, and completely cover the plant. Price per oz., \$3.50; per pkt., 10c.

Zurich. Dwarf, early. Very free bloomer. Price per oz., \$5.00; per pkt., 25c.

Patens. Deep blue, tender perennial, not suitable for bedding. Price per ¼-oz., \$1.50; per pkt., 25c.

Farinacea. Light blue, long spikes on compact bush, 2 to 3 feet tall. Perennial, but usually grown as an annual; fine for cutting or border; seed sown in open ground in May, blooming from July till frost. Price per oz., \$1.50; per pkt., 10c.

Scabiosa.

Mourning Bride.

Beautiful annuals with large double flowers on long stems; fine for cutting; various colors. Height 2½ feet. They bloom from July until frost.

Shasta. New, large, pure white. Price per oz., \$1.25; per pkt., 10c.

Azure Fairy. Lavender blue. Price per oz., 75c.; per pkt., 10c.

Peach Blossom. New, very large. Price per oz., \$1.25; per pkt., 10c.

Large Flowering, Mixed. Price per oz., 60c.; per pkt., 10c.

Schizanthus.

The Butterfly Flower.

Free-flowering plants of easiest culture, bearing dainty orchid-shaped and beautifully marked flowers. Annual.

Grandiflorus Hybrids. Extra select greenhouse strain, handsome marked large flowering on white, buff or purple ground. Price per ¼-oz., \$1.75; per pkt., 25c.

Wisetonensis. A variety of rose and amber shades, excellent for potting or outdoor. Price per ¼-oz., \$1.75; per pkt., 25c.

Silene.

Catchfly.

Annual, compact bushes, 6 inches high, densely covered with showy flowers of white, pink or red.

Armeria Mixed. Price per oz., 25c.; per pkt., 5c.

Smilax.

Myrsiphyllum.

Of great value for inside decoration. Greenhouse climber clothed from base to summit with small glossy green leaves.

Smilax. Price per oz., 75c.; per pkt., 10c.

Stevia.

Extensively used by florists. Beautifully effective with other cut flowers. The long but strong stems are branching and bear a multitude of fine white star-shaped flowers.

Serrata. Pure white and most desirable. Price per oz., \$2.50; per pkt., 10c.

Solanum.

An ornamental and interesting genus of fruit-bearing plants; singularly bright in fruit and foliage.

Capsicastrum (Jerusalem Cherry). Covered with scarlet fruit during the winter. One and one-half feet. Price per oz., \$1.50; per pkt., 10c.

Stocks.

Gilliflower.

The free-blooming, fragrant and charming colors of the stock have brought it into great popularity both for summer and winter flowering. For beds and borders they are very effective, the blooms exceedingly useful for cutting. Our seed is produced by a specialist who has received several "Awards of Merit" from the Royal Horticultural Society. The high percentage of doubles is remarkable. Hardy annual.

Large Flowering Ten Weeks Stock.

A very superior strain of this early flowering class having a high percentage of double flowering plants; excellent for bedding; will continue flowering for a long period. Plants should be set about six inches apart so that single flowering plants may be weeded out.

	¼-oz.	Pkt.
Pure White *	\$1.00	10c.
Flesh Pink *	1.00	10c.
Light Blue	1.00	10c.
Crimson	1.00	10c.
Purple	1.00	10c.
Canary Yellow	1.00	10c.
Large Flowering Best Mixed	1.00	10c.

Cut-and-Come-Again Ten Weeks Stock.

Giant Perfection or Perpetual Branching.

Splendid early and free-blooming class; sown in March or April they begin flowering in July, con-



A SPIKE OF LARGE FLOWERING STOCK.

tinuing until frost. Especially valuable for florists. They throw out numerous side branches bearing a high percentage of double, fragrant flowers. Excellent for cutting. Those marked (*) recently received award of merit from R. H. S.

	¼-oz.	Pkt.
Snow Drift. New early pure	\$1.00	10c.
Rose Pink *	1.00	10c.
Dark Red	1.00	10c.
Violet	1.00	10c.
Silver Lilac *	1.00	10c.
Canary Yellow *	1.00	10c.
Cut-and-Come-Again Mixed	1.00	10c.

Large Flowering Nice Stocks.

Excellent new sorts of vigorous growth, two to two and one-half feet in height; free flowering, fragrant and equally valuable for florists' winter or summer growing.

	¼-oz.	Pkt.
Mount Blanc. Improved pure white excellent for cutting	\$1.00	10c.
Beauty of Nice. Produces several very large spikes, exceedingly double, of delicate flesh pink	1.00	10c.
Monte Carlo. Canary yellow; extra fine	1.00	10c.

Stokesia.

Cornflower Aster.

This plant grows about 24 inches high, bearing from 20 to 30 handsome lavender-blue corn-flower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border, and indispensable for cutting. Price per ¼-oz., 90c.; per pkt., 10c.

The Choicest Spencer Sweet Peas.

New names of Spencer Sweet Peas are appearing so rapidly that to know them and what to select requires considerable time in experimental trials. Many of the sorts brought out only a few years ago have been dropped, while others are still unsurpassed. The newest are not always the best, and so this sifting process goes on each year. In the list below will be found a wide range of varieties, each having merits that make it worthy of a place in a list of the best Spencers. Our stock is grown with great care and has proved itself of the finest quality that are grown.

Austin Fredrich Improved. A Giant Rosy Lavender, taking the place of R. F. Felton and Aster Ohn. Finest pure lavender in existence.

Blanche Ferry. Carmine rose, standard, wings white tinted with pink.

Constance Hinton. Mammoth white, of fine Spencer form. Young flowers generally show trace of pink, but change to pure white. Black seeded.

Crimson King. Rich deep crimson, surpassing all other crimson sweet peas.

Defiance. A fine large orange scarlet, burnless. Of vigorous habit. A great improvement over Royal Scott.

Edna May Improved. Pure white, taking place of King White.

Elfrida Pierson. A most popular shade of lovely blush pink, margined salmon. A flower admired by all.

Hawlmart Scarlet. Glowing scarlet of finest form.

Heavenly Blue. A fine Bright Delphinium Blue. The most beautiful in this shade.

Hebe Spencer. Large bright pink; an improved Hercules.

Mary Pickford. Dainty cream pink, suffused salmon. Price per oz., 60c.; per pkt., 10c.

Matchless. Cream, the best in this shade. Takes the place of Dobbie's Cream.

Mrs. Arnold Hitchcock. Pale cream pink suffused salmon.

Miss California. (New). A most beautiful and outstanding orange-salmon cream pink. Winner of the highest possible award, the Award of Merit, British National Sweet Pea Society, 1924.

Picture. A rich glowing pink suffused creamy apricot. Immense size and beautiful form on strong stems.



NEW SPENCER DEFIANCE.

Royal Purple. The best purple, a strong grower and very floriferous.

Tangerine Improved. Glowing Orange. The flowers are of great size and beautifully waved.

Warrior. Large rich maroon, well shaped.

Mixed Spencer. Silver Gilt Medal Mixture. Extra choice. A carefully proportioned mixture of named varieties, including all the best standard varieties, also newest novelties worth while of beautiful shades, making it a mixture that will surely please the most exacting. It is the finest obtainable. Price per oz., 25c.; per 1/4-lb., 75c.; per lb., \$2.50.

Prices on any of above named varieties except noted:
Per pkt., 10c.; per oz., 30c.; per 1/4-lb., 90c.; per lb., \$3.25.

Sweet Peas—Continued.

EARLY or WINTER FLOWERING SPENCERS.

This class is adapted to forcing under glass or outdoor growing. It embraces some of the finest varieties in cultivation. Coming into bloom five weeks earlier than regular Spencers.

	Oz.	Pkt.
All White. Largest waved. Pure white...	\$.75	15c.
Glitters. Bright orange scarlet .....	.75	15c.
Grenadier. Rich poppy scarlet .....	.75	15c.
Mrs. Kerr. Best salmon .....	.75	15c.
New Blue. Deep blue	1.00	15c.
Orange King. Glowing intense orange ...	1.50	15c.
Rose Queen. Rose pink .....	.75	15c.
Sweet Lavender. New pure lavender	1.00	15c.
Zvolanek's Rose. Deep rose pink.....	.75	15c.
Early Choice Mixed. Blended from named best varieties. Per ¼-lb., \$1.25.....	.50	15c.

Sweet William.

Dianthus Barbatus.

Attractive, free-flowering hardy perennials, producing a splendid effect in beds and borders with their rich and varied flowers.

	Oz.	Pkt.
Single White	\$.75	10c.
Single Pink Beauty (Newport Pink).....	1.00	10c.
Scarlet Beauty. Rich deep scarlet	1.00	10c.
Single Nigrescens. Dark maroon	1.00	10c.
Single Holborn Glory. A large-flowered strain of Auricula-eyed, beautiful colors all showing the white center	1.00	10c.
Single Mixed Giant .....	.50	10c.
Double Mixed	1.00	10c.
Annual. New sort, grows nine inches tall. Seed sown early will flower in summer and continue for some time	1.00	10c.

Thunbergia.

Black-Eyed Susan.

Ornamental, free-blooming climbers of rapid growth, handsome foliage, good for greenhouse culture, or in warm situations out-doors. Half-hardy annuals. Fine mixed. Price per oz., \$1.25; per pkt., 10c.



NEW GIANT DAHLIA FLOWERED ZINNIA.

Valerian.

Garden Heliotrope.

An old-fashioned garden perennial bearing fragrant flowers of red, rose and white. Price per oz., 60c.; per pkt., 10c.

Verbena.

A low-growing annual, profuse in its blooms, ranging from brilliant and startling colors to soft and delicate tints. The following is a magnificent new strain of the Hybrid Grandiflora Verbena with immense trusses and free flowering.

	Oz.	Pkt.
Mammoth White	\$2.00	10c.
Mammoth Rosea Stellata. Rose pink, white eye	2.00	10c.
Mammoth Lucifer. Scarlet	2.00	10c.
Mammoth Violaacea Stellata. Deep violet, white eye	1.75	10c.
Mammoth Choice Mixed. Improved type...	1.50	10c.

Vinca.

Periwinkle or Old Maid.

Dark green foliage, handsome rose and white single flowers; very effective for beds and borders. Blooms continuously all summer from seed sown early in March. Half-hardy perennial.

	Oz.	Pkt.
Rosea Alba. White with rose center	\$1.00	10c.
Alba Pure. Pure white	1.00	10c.
Mixed	1.00	10c.

Wall Flower.

A well-known plant of the Gillyflower family, producing its rich orange or chocolate flowers in the spring, if protected in the house during the winter. Half-hardy perennial.

	Oz.	Pkt.
Paris Market. Early, single	\$1.00	10c.
Double. Finest mixed	3.50	10c.

Zinnia.

New Giants.

Annual. Recently greatly improved in size, beauty and brilliancy; of branching habit and superb colors; continues in bloom a long time; very effective in beds, groups or mixed borders.

Giant Dahlia Flowered.

	Oz.	Pkt.
The newest and finest type of Zinnia.		
Crimson Monarch. Largest of all	\$3.00	15c.
Dream. Deep lavender turning to purple	3.00	15c.
Exquisite. Light rose, center deeper shade	3.00	15c.
Golden State. Rich orange yellow.....	3.00	15c.
Polar Bear. Large pure white	3.00	15c.
Dahlia Flowered. Gold Medal Mixture...	2.00	15c.

California Giants.

	Oz.	Pkt.
Lemon Queen. The only fragrant Zinnia	1.50	10c.
Orange King. A striking color	1.50	10c.
Purity. Pure white	1.50	10c.
Rose Queen. Bright rose. Very large..	1.50	10c.
Scarlet Gem	1.50	10c.
Finest Mixed. Including finest new colors	1.50	10c.

Small Flowering.

	Oz.	Pkt.
Curled and Crested Mixed	\$1.00	10c.
Elegans Liliput. Double Mixed	1.00	10c.

Mixed Flower Seed.

The seeds we offer as mixed comprise a wide variety at a much lower price than could be sold in separate packets. Nearly every garden has a spot which could be used to good advantage and satisfaction, yielding a continuous show, and supply for cutting.

	Oz.	Pkt.
Dwarf Mixed	\$.25	5c.
Tall Mixed .....	.25	5c.



CALADIUM ESCULENTUM.

Caladium Esculentum.

Elephant's Ear.

One of the largest of ornamental foliage plants; grows in any garden soil, and when full size, stands four or five feet high, with immense leaves measuring four feet in length by two and one-half feet in breadth.

	Circumference.	Each.	Doz.
First Size Bulbs	12 inch	20c.	\$2.00
Second Size Bulbs	9-11 inch	15c.	1.50

Postage extra, 3 and 5 oz. each.

Madeira Vine.

The Madeira Vine is a beautiful climber, with thick glossy light green leaves, climbing twenty feet or more, and twining in any desired form. Price, each, 10c.; per dozen, \$1.00. Postage extra; weight 4 oz. per dozen.

Double Tuberose.

The Tuberose, being a native of a tropical climate, requires the extreme heat of summer, and will not bloom till late, unless started in the forcing-house or hot-bed, in February or March. They may be transferred to open ground after the soil has become warm and settled summer weather prevails. The bulbs are extremely sensitive; a slight freezing destroys the crown or heart.

Excelsior Dwarf Pearl.

First Size. Each, 7c.; per doz., 60c.; per 100, \$4.75. Postage extra; 1 lb. per doz.

Cinnamon Vine.

Beautiful summer climber; glossy foliage and fragrant flowers: stem dies down in winter, but the root is hardy.

Large selected roots. Price each, 10c.; per doz., \$1.00. Postage extra; 4 oz. per doz.

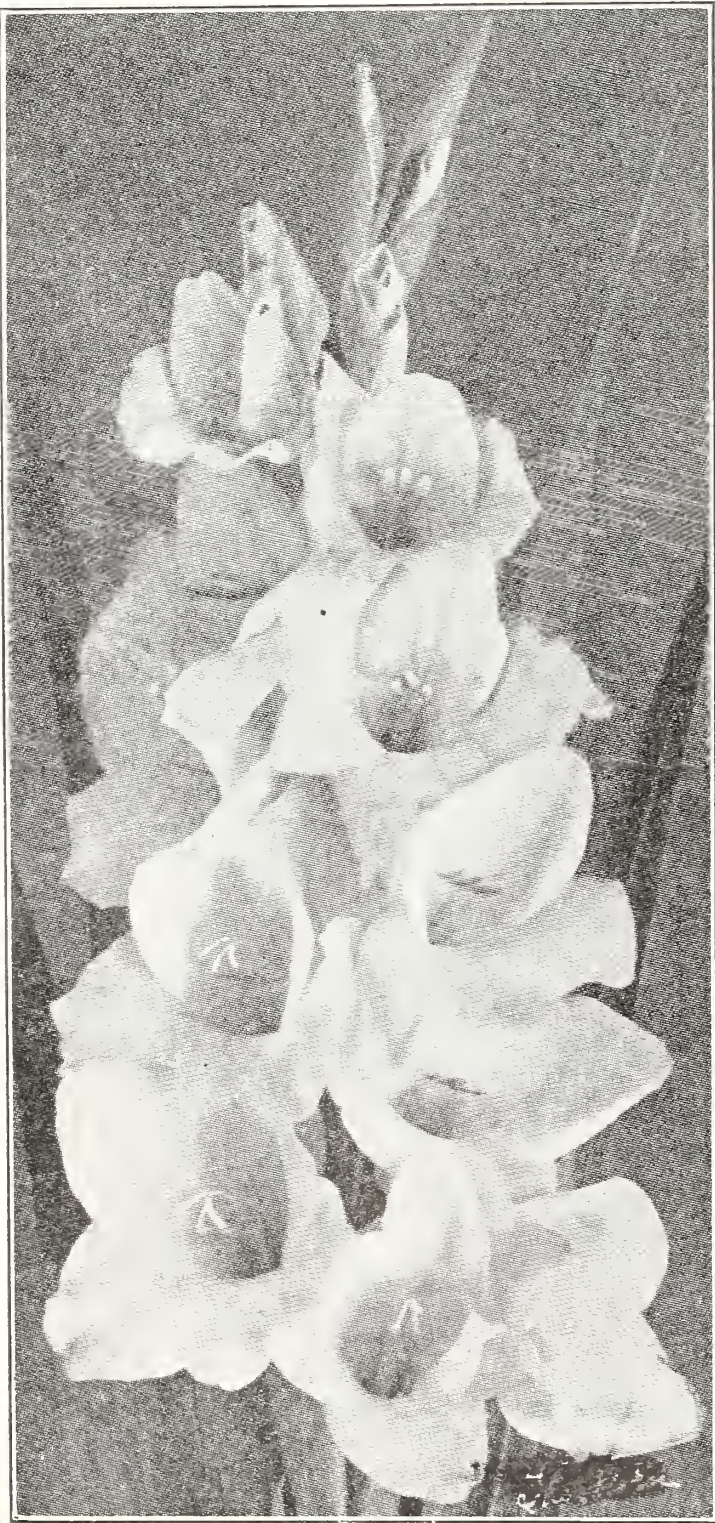
Gladiolus.

The most brilliant and showy of all summer-flowering bulbs. Their immense spikes of gorgeous bloom comprise in color all shades from white to the deepest scarlet, purple and yellow, with blotchings and markings of charmingly contrasted shades. They will grow in any good garden soil, and bloom with the most ordinary care. The bulbs should be planted at intervals in April and May, to secure a succession of bloom. Take up in the fall and store in a dry cellar or other cool place, well protected from frost.

NOTE. The following are bulbs 1¼ to 1½ inches in diameter and not to be confused with the so-called mailing sizes offered at lower prices. Experienced growers consider this the best flowering size.

Alice Tiplady. Primulinus Orange saffron	Doz.	100.
America. Flesh pink	\$.65	\$5.00
Anna Eberius. Purple, deeper in throat .....	.40	3.00
Barion J. Hulot. Violet .....	.90	7.00
Carmen Sylva. Purest white, early..	.90	7.00
Crimson Glow. Early deep crimson..	.80	6.00
E. J. Shaylor. Deep rose pink. Ruffled	.80	6.00
Evelyn Kirtland. Light rose pink, scarlet blotched on lower petals...	.65	5.00
Flora. Early clear golden yellow....	.80	6.00
Jack London. Deep salmon pink. Ruffled	1.10	8.00
Halley. Delicate salmon pink .....	.40	3.00
Herada. Pure mauve with deep markings .....	.55	4.00
Louise. Bright lavender .....	.80	6.00
Mrs. Dr. Norton. Delicate pink sulphur throat .....	.80	6.00
Mrs. Francis King. Scarlet .....	.40	3.00
Mrs. Frank Pendleton. Salmon pink, deep red blotch in throat .....	.55	4.00
Mrs. Watt. American Rose .....	.55	4.00
Loveliness. Cream yellow .....	.65	5.00
Panama. Rose pink .....	.55	4.00
Primulus Hybrids. New distinct type, slender, orchid-like .....	.40	3.00
Rose Ash. Ashes of rose	1.10	8.00
Schwaben. Best yellow .....	.55	4.00
Special Mixture. Contains many new and rare sorts .....	.40	3.00

Postage extra; 6 lbs. per 100.



GLADIOLUS.

VEGETABLE PLANTS AND ROOTS.

We grow large quantities of vegetable plants and roots, and can supply all the varieties listed below in their proper season. Prices are not postpaid.

Artichoke (Jerusalem). Price per lb., 10c.; 3 lbs., 25c.; per pk., \$1.00; per bu., \$3.50.

Asparagus Roots. Strong one-year-old roots recommended; they are better than old roots. Mary Washington are rust-resistant and very much the best. Price, see page 7.

Cabbage Plants (Hot-bed or transplanted in flats). Ready after April 1st. Golden Acre, Copenhagen Market, Succession. Price per doz., 20c.; per 100, \$1.25; per 1,000, \$10.00. Field plants, June and July, per 100, 50c.; per 1,000, \$4.00.

Cauliflower Plants (Hot-bed). Price per doz., 25c.; per 100, \$1.50.

Celery Plants. Ready July 1st. Golden Plume, Easy Blanching, and Giant Pascal. Price per 100, 75c.; per 1,000, \$5.50.

Chives. For flavoring. Price per clump, 15c.; per doz., \$1.50.

Egg Plants. Ready in May and June. Transplanted—40c. per doz.; \$3.00 per 100. In pots—75c. per doz.; \$5.00 per 100.

Horse Radish Sets. Bohemian or "Maliner Kren." Price per doz., 20c.; per 100, \$1.25; per 1,000, \$9.00.

Lettuce Plants. Ready in April and May. Price per doz., 20c.; per 100, \$1.25.

Pepper Plants. Ready in May and June. Price per doz., 20c.; per 100, \$1.25.

Rhubarb Roots. Linnaeus and Victoria. Strong roots. Price each, 20c.; per doz., \$1.75. Small roots, each, 15c.; per doz., \$1.25; per 100, \$10.00.

Sweet Potato Plants. Yellow and Red. Price per bunch of twenty-five, 20c.; per 100, 75c.; per 1,000, \$6.00.

Tomato Plants. Grown from our own seed, select stocks. Transplanted. Ready in May and June. We can always supply through season well-grown plants of the leading varieties. Price per doz., 25c.; per 100, \$1.50.

Special quotations on application for large quantities.

INSECTICIDES AND FUNGICIDES.

Poisons are not mailable



Agri-Pax. A new liquid contact non-poisonous insecticide of remarkable qualities, founded on Pyrethrum, of which the toxic principles are active against all plant lice and most all other insects. Agri-Pax is stainless, without sediment and diluted with 20 to 30 parts water. Prices: Per ½-pint, 40c.; per pint, 60c.; per gallon, \$3.50.

thrum, of which the toxic principles are active against all plant lice and most all other insects. Agri-Pax is stainless, without sediment and diluted with 20 to 30 parts water. Prices: Per ½-pint, 40c.; per pint, 60c.; per gallon, \$3.50.

Antrol. The new way to kill ants. Cottage Sets, consisting of 9 containers and supply of syrup. Price, \$1.60.

Arsenate of Lead (Dry). A powder manufactured by a process, making the finest product for either dusting or spraying. Contains over 30% arsenic oxide and is exceptionally effective in controlling many chewing insects. Its extremely fine condition affords an adhesive protective coating of poison. Prices: 1-lb. cartons, 40c.; 4-lb. paper bags, packed twelve to the case, each \$1.25; per case of twelve, \$12.00. For larger quantities please write for lowest market price.

Bordeaux Mixture. (Dry Powder). Containing 22% metallic copper. Same as liquid in effect. Prepared for dusting or spraying purposes. An indispensable Fungicide, preventing black rot, mildew, blight, rust, scab and many fungoid diseases on fruits and plants. Mixed with Arsenate of Lead is a valuable combination for chewing insects. Prices: 1-lb. cartons, 40c.; 4-lb. paper bags, packed twelve to case, each \$1.25; per case of twelve, \$12.75. For larger quantities please write for lowest market price.

Bordeaux Lead. (Powder). This combination has great killing power, together with the best fungicide known, making it a complete spray for many uses. We recommend it strongly where both chewing insects and blight are to be prevented. Prices: 1-lb. cartons, 40c.; 4-lb. paper

bags, packed twelve to the case, each \$1.25; per case of twelve, \$12.75. For larger quantities please write for lowest market price.

Calcium Caseinate. The new casein product which, added to the regular spray solution, increases its spreading and adhesive qualities, thereby its effectiveness. A long-looked-for article. Use 1 lb. per 50 gals. Price: 1½ lb., 35c.; per 10 lbs., \$2.10; per 50 lbs., \$9.50; per 100 lbs., \$18.00.

Cut Worm Food. Snarol. It does not injure or affect the growing plants in any way, and if applied as directed on package there should be little trouble of this pest. Per one lb., 40c.; 3 lbs., 75c.

Cyanogas "A." For the destruction of Woodchucks, Rats, Groundmoles and other rodents. Per 1 lb., 75c.; per 5 lbs., \$3.00.

Cyanogas "G." Greenhouse fumigant for the control of white fly, aphids, trips and soft scale. Per 5 lbs., \$3.00.

Derrisol. (Liquid). A non-poisonous and odorless contact insecticide, exceptionally efficient for control of plant lice, black flies, green flies, leaf-hoppers, trips, red spider and many other soft-bodied sucking insects as well as some small leaf-eating larvae such as cabbage worms and saw-fly larvae. One pound makes 100 gallons. Prices: 1 oz., 35c.; ½-lb., \$1.20; 1 lb., \$2.00; 2 lbs., \$3.00; 10 lbs., \$12.00.

Grape Dust is a preparation to kill the destructive mildew that strikes the grape vine and other plants or trees affected with mold, mildew, or rust mites, and for any use where a fumigator or antiseptic is required. Price, five-pound package, 75c.

Hellebore, Powdered White. For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and London Purple, and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved, 1 oz. in 3 gallons water. Price per ¼-lb., 20c.; per ½-lb., 30c.; per 1 lb., 50c.

Lime-Sulphur Solution. (Concentrated). Recommended for San José Scale, Oyster Shell Scale, etc. Ready for use by adding 10 to 40 gallons water to each gallon. One-qt. can, 40c.; 1-gal. can, 85c.; 5-gal. can, \$2.50; 10 gal, \$4.75; 50-gal. bbls. \$12.00; 5-bbl. lots at special rates.

Insecticides and Fungicides—Continued.

Melrosine. Melrosine is a highly concentrated contact insecticide, fatal to Rose Bugs and many other insect pests. Will not discolor flowers. Dilute 1 part to 20 parts water. Prices: Per $\frac{1}{2}$ -pt., 50c.; per pt., \$1.00; per qt., \$1.75; per $\frac{1}{2}$ -gal., \$3.25; per gal., \$6.00.

"Nico-Fume" Tobacco Paper. A tobacco paper strongly saturated with pure nicotine. It comes in strips, which, suspended and lighted, is one of the best, easiest, simplest and least injurious methods of fumigating conservatories and green-houses for the destruction of aphids and all insects that succumb to tobacco insecticides. One sheet is sufficient for two thousand cubic feet or more. Packed in air-tight cans. Price, 24 sheets, \$1.25; 144 sheets, \$5.25; 288 sheets, \$9.50.

"Nico-Fume." "Nico-Fume" is made from very high strength Nicotine solution and is free from the Ammonia and excessive Nitrates contained in tobacco stems. Therefore, many delicate plants which would be seriously damaged by smoke from tobacco stems may be strongly treated with "Nico-Fume" without the least injury—it neither deforming the buds nor discoloring the blooms nor leaving any odor upon them. "Nico-Fume" liquid contains never less than 40% nicotine. "Nico-Fume" liquid may be satisfactorily employed either for fumigating or for spraying. Price: $\frac{1}{4}$ -lb., 75c.; lb., \$2.00; 4 lbs., \$7.00; 8 lbs., \$13.00.

Nico-Fume Tobacco Powder. Nicotine not less than 12.5%. For fumigating. Especially prepared for burning. Price: 1-lb. tins, \$1.00; 5-lb. tin, \$4.00; 10-lb. tin, \$7.50.

Nicotine Solution ("Black Leaf 40"). Active ingredient nicotine 40% in a sulphate form. Especially adapted for all soft-bodied sucking insects or aphids in the open not being "free." Use 1 oz. in six to twelve gallons water, according to use. Per oz., 35c.; $\frac{1}{2}$ -lb. tin, \$1.25; 2-lb. tin, \$3.25; 10-lb. tin, \$11.85.

Paris Green, Strictly Pure. A poisonous insecticide in powder form for insects which chew. As a liquid use 1 lb. to 50 to 100 gallons water. Per $\frac{1}{4}$ -lb., 20c.; per $\frac{1}{2}$ -lb., 35c.; per lb., 65c.

Persian Insect Powder. This is powder made from the flower of the Russian Pyrethrum, and valuable as a poison for lice on plants, water bugs, roaches, bed bugs, etc. Price per $\frac{1}{4}$ -lb., 35c.; per $\frac{1}{2}$ -lb., 65c.; per lb., \$1.15.

Pyrox. A combination spray for leaf-chewing insects and at the same time combining a fungicide in paste form. One pound makes from 5 to 10 gallons of spray. Price: 1 lb., 50c.; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$11.00; 100 lbs., \$17.00.

Scalecide. Complete dormant spray. The quality Miscible oil. Oldest and best-known dormant spray for trees, shrubs and vines. Makes them more beautiful, healthful and fruitful. Used by leading fruit growers. Pleasant to use, non-caustic, non-corrosive, non-poisonous. Kills scale, insects, eggs, larvae, and fungus-spores wintering on the plant. Mixes instantly; dilute 1 to 15. Prices: Per qt., 75c.; per gal., \$1.75; 5 gals., \$6.25; 10 gals., \$10.60; 15-gal. steel drum, \$13.50 (refund for empty drum, \$2.00, f. o. b. factory, or \$1.75 New Haven); 50-gal. bbl., \$38.00. One gallon equals $3\frac{1}{2}$ gallons Lime-Sulphur.

Semesan. Seed, plant and soil diseases rob you of from 10 to 90% of the fruits of your land and labor—and NEEDLESSLY. You can change this loss into a gain by stopping disease before it gets a start through disinfecting your seeds, seed pieces and soil with DuPont Semesan. Semesan is the only organic mercury disinfectant which can be applied, either the liquid or convenient dust form. It prevents or controls a most diversified variety of diseases borne by seeds, seed pieces, bulbs, plants and grafts, as well as many of those which infect the soil. It generally hastens germination, produces sturdier plants and increases both the quantity and quality of crop yields. Semesan treatments cost only from $\frac{1}{4}$ c. to 1c. per pound of seeds; easily and quickly applied. Recommended by agricultural colleges, county agents and large growers in every section of the country.

SEME SAN
DU PONT
Makes Seeds Healthy

Prices: Semesan for general use, 2 oz., 50c.; 8 oz., \$1.60; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$62.50.

Semesan, Jr. (Prepared specially for Corn), 4 oz., 60c.; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$37.50.

Semesan Bel. (Prepared specially for Potatoes, Bulbs and Corms), 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$37.50; 50 lbs., \$72.50; 100 lbs., \$140.00.

Send for crop booklets and information on special uses.



Soap, Whale Oil. An excellent specific for the destruction of plant-infecting insects and parasites. Is equally valuable for removing vermin from animals, furniture, etc. Price per pound bar, 35c. each.

Soap, Buchans' Carbolic. For washing horses, cattle, dogs, pigs and other domestic animals (except cats). Use like other bug soap, rubbing it well in, and allowing the solution to dry on the animal. Price per $\frac{1}{4}$ -lb. package, 18c.; per 1-lb., 40c.

Slug Shot. A non-poisonous and a very popular insecticide; it requires no further mixing or preparation, easily applied and not injurious to trees or dangerous to animals, the person applying it, or fruits and vegetables treated. Very effective in destroying potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc. Per 1 lb., 20c.; 5 lbs., 55c.; 10 lbs., \$1.10.

Sulphur. Superfine for dusting. Price per lb., 8c.; per 100 lbs., \$4.50.

Tree Tanglefoot is a sticky substance similar to that used on Tanglefoot fly-paper. It is a most simple and economical remedy for protecting trees against canker worms or any other climbing insects. Will remain sticky three months. Price: One lb., 60c.; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$11.00.

Volck. A refined oil-emulsion for use on tender foliage for control of red spider, white fly, trips, scale, etc. Cleanses the foliage. One part Volck used with 33 to 100 parts water. Prices: $\frac{1}{2}$ -pt., 50c.; 1 pt., 75c.; 1 qt., \$1.00; 1 gal., \$3.00; 5 gals., \$12.00.

Insecticides and Fungicides—Continued.

Tobacco Dust. This is an exceedingly high strength fine powder and a specific for aphids, fleas, beetles, etc. It is also a good fertilizer and preventive for insects in the ground and about roots. Per 2-lb. pkg., 20c.; 100-lb. paper-lined bag, \$5.25.

Tobacco Stems, in bales of 250 to 300 lbs., \$2.75 per 100 lbs.

Weed Killer, "Herbicide." This is a combination of chemicals in concentrated liquid form for use in clearing grass and weeds from roads, gutters, tennis courts, etc. "Herbicide" not only kills both tops and roots, but also seeds, and has a sterile effect on the ground, thus retarding the growth of future crops. It is applied by means of a sprinkling can or apparatus, diluted, one gallon "Herbicide" with 20 to 40 gallons of water. Each diluted gallon will cover about 25 square feet of ground. It is not injurious to metal, stone or

woodwork, and does not stain the ground. It binds and lays dust. Price, 1 qt., 70c.; 1 gal., \$2.00; 5 gals., \$7.50.

Weed Killer. Atlas Non-Poisonous, although deadly to vegetation, is absolutely harmless to humans, animals and birds. This provides a weed killer that can be used without any fear of injuring children or pet animals. One gallon of the concentrated chemical is sufficient to treat 500 square feet of vegetated surface. Directions for dilution on can. Prices: 5 gals., \$8.00; 30 gals., \$37.50; 50 gals., \$55.00.

Dry Super-Concentrate Atlas Non-Poisonous Weed Killer. A convenient form for the small user. Small size makes 2½ gallons Weed Killer. Price 50c. (postpaid 60c.). Large size makes 20 gallons Weed Killer. Price, \$2.00 (postpaid \$2.15). Postpaid rate is for 150-mile limit.

FERTILIZERS.

Feed Your Plants and See Them Grow!

Note Regarding Fertilizers for Season 1928: *Owing to the extreme fluctuations on the prices of all fertilizer materials, we quote below prices at which we expect to be able to supply them. These prices are not binding, but are given as a guide only. We have prepared for the season's requirements, and have liberal stocks of materials, on which we will be glad to quote lowest market values on application.*

Platt's Concentrated Plant Food. This is a highly concentrated form of Plant Food for house plants, conservatories and small outdoor plantings. It may be applied dry or in solution and is sure to produce satisfactory results. Price, 5-oz. package, 30c.; 12-oz. size, 50c.; By mail, add 7c. for 150-mile limit.

Acid Phosphate. Guaranteed 16% phosphoric acid. Per 100 lbs., \$2.00; per ton, \$25.00.

Adco. An English preparation for converting in three to four months all kinds of vegetable wastes, composts, etc., into a clean, odorless, artificial manure by the addition of moisture and assisting beneficial bacteria. No equipment is necessary. Twenty-five pounds sufficient for twelve wheelbarrows full, \$2.00; 150 pounds, sufficient for a heap 10 x 10 x 6 feet, \$10.50.

Platco. 5-8-7. A high-grade complete fertilizer for general purpose, especially potatoes and garden truck crops. Contains 7% potash. Price per 100-lb. bag, \$3.50; per ¼-ton, \$14.00; per ton, \$46.00.



Pure Pulverized Sheep Manure. A pure natural manure, and most nutritious for plants. Its effect is immediate and lasting. Excellent for mixing with the soil for greenhouse plants (one part manure and six parts soil). Strewn over and dug into the vegetable garden, or placed directly in drills or hills, it promotes a rapid, steady growth

until maturity. It makes rich, safe and quick liquid manure; one pound to five gallons of water can be used daily, if necessary, with safety. Price: 5 lbs., 25c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.60; 100 lbs., \$3.00; 500 lbs., \$13.50; one ton, \$50.00.

Ground Bone. This is for general fertilizing purposes and valuable on the lawn, meadow, or in the garden. The finer particles are immediately beneficial, the coarse keeping up the supply of plant food for a long period. Price: 5 lbs., 35c.; 25 lbs., \$1.25; 100-lb. bags, \$4.00; one ton, \$70.00.

Lime. Ground Limestone. 40 mesh. Price per 100 lbs., \$1.00; per ton, \$10.25. In burlap bags.

Land Plaster or Gypsum. It is an excellent addition to land requiring lime and sulphates, particularly for such crops as turnips, potatoes, grasses and clovers. Quantity required, broadcasted and harrowed in, one-half to one ton per acre. Price per 100-lb. bag, \$1.25; per ton, \$19.50.

Hard Wood Ashes. Contain all fertilizing elements except nitrogen. They drive away insects, and are beneficial for all crops requiring potash. They are also very good for garden and field crops, and are of high value for cabbage, potatoes, onions, strawberries, fruit trees, grass-lands and lawns. Apply one or two tons per acre. Price per 100 lbs., \$2.50; per ton, \$40.00.

Nitrate of Soda. This is valuable solely for the nitrogen it contains. It is very quick in action and hastens the maturity of the crops. Being extremely soluble, it should not be applied until the plants are above ground, when one hundred to five hundred pounds per acre, mixed with wood ashes or land plaster, for convenience in applying, are generally used. Price per 5-lb. package, 35c.; 10-lb. package, 60c.; per 100 lbs., \$4.50; per ton, \$78.00.

Muriate of Potash. Eighty per cent pure, equivalent to 48 or 50 per cent actual potash. A high-grade fertilizer, and one of the best orchard fertilizers known. Especially adapted for all stone fruits and as a general fertilizer, muriate of potash and ground bone stands as a leader. Price per 5 lbs., 35c.; per 25 lbs., \$1.25; per 100 lbs., \$3.50; per ton, \$55.00.

Salt for Asparagus and Other Crops. In sacks of 100 lbs., \$1.50. For quarter-ton or more, get special quotations.

"PLANET JR." FARM AND GARDEN TOOLS.

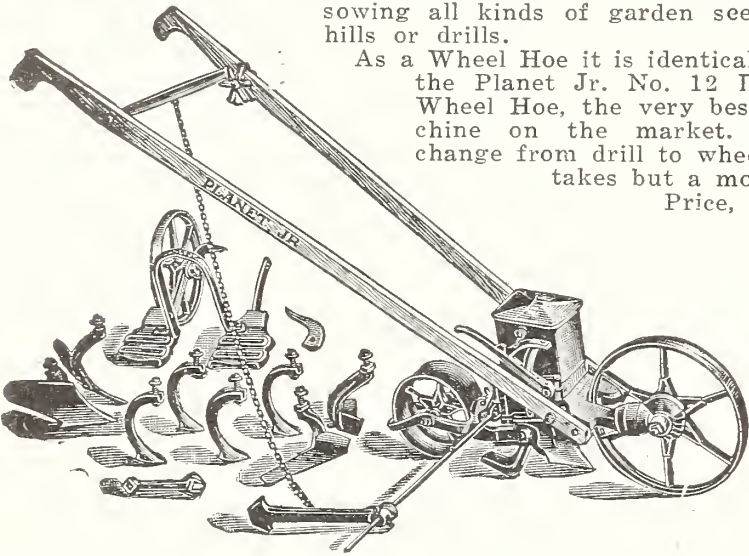
A complete catalogue containing a full line of Planet Jr. implements free upon application.

Planet Jr. No. 25 Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow.

As a drill it is almost identical with the Planet Jr. No. 4 Drill, and is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills.

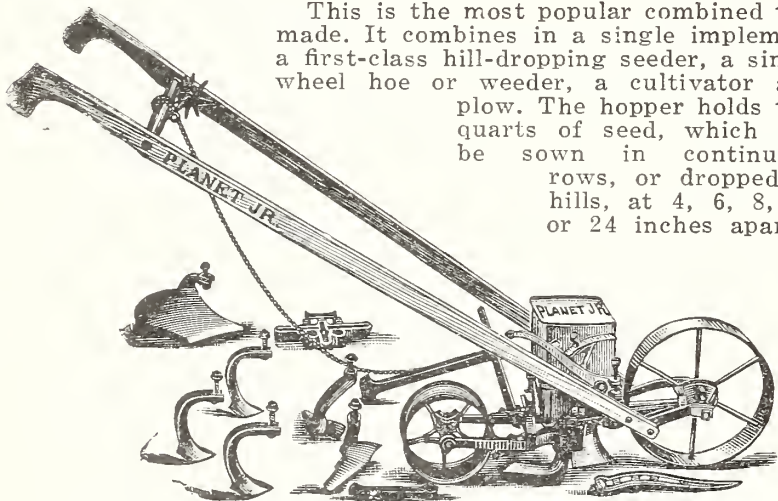
As a Wheel Hoe it is identical with the Planet Jr. No. 12 Double Wheel Hoe, the very best machine on the market. The change from drill to wheel hoe takes but a moment.

Price, \$21.50



Planet Jr. No. 4 Combined Seed Drill, Single Wheel Hoe, Cultivator and Plow.

This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a single wheel hoe or weeder, a cultivator and plow. The hopper holds two quarts of seed, which can be sown in continuous rows, or dropped in hills, at 4, 6, 8, 12 or 24 inches apart.



The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe.

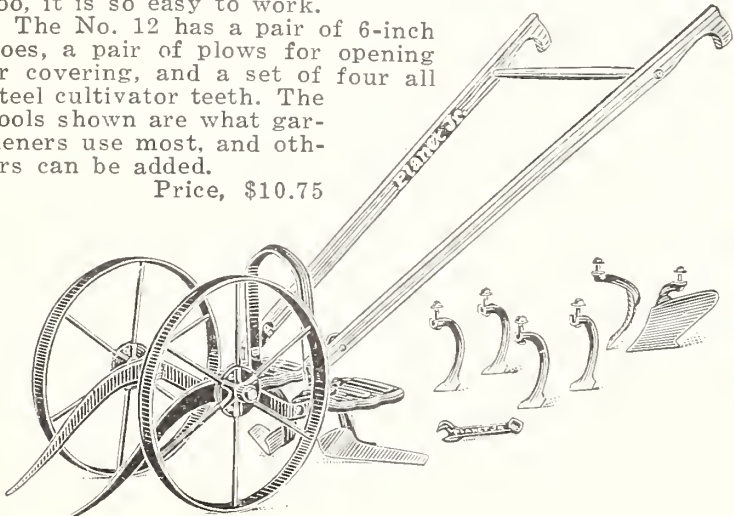
Price, \$18.00. As a drill only, \$14.25

Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow.

The No. 12 runs either astride or between the rows; kills all the weeds and leaves the earth in fine shape. Then, too, it is so easy to work.

The No. 12 has a pair of 6-inch hoes, a pair of plows for opening or covering, and a set of four all steel cultivator teeth. The tools shown are what gardeners use most, and others can be added.

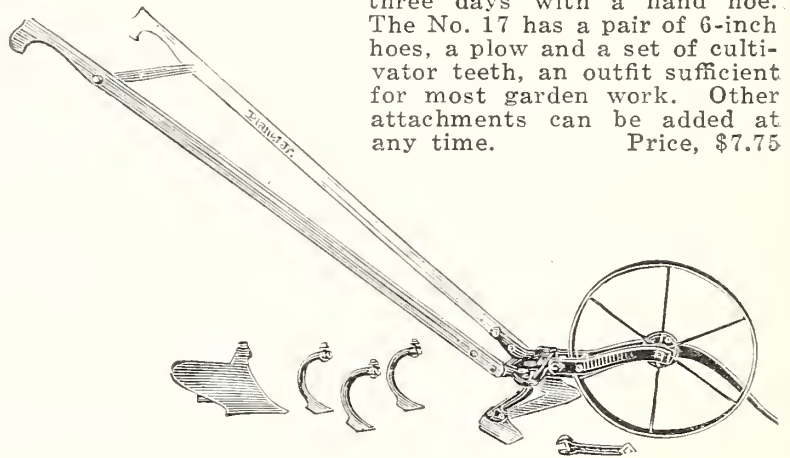
Price, \$10.75



Planet Jr. No. 17 Single Wheel Hoe, Cultivator and Plow.

For easy gardening, and at the same time clean and perfect gardening, no tool is the equal of this No. 17 Wheel Hoe. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work. Other attachments can be added at any time.

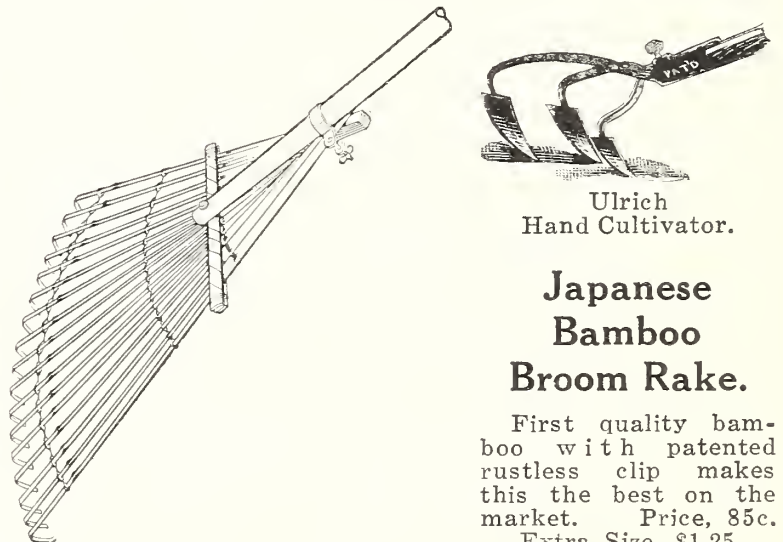
Price, \$7.75



Ulrich Hand Cultivator.

This is the best tool of its kind we have ever seen, and we have tried out many. It has steel blades, which do much better work with less energy than the simply flattened and sharpened prongs used on others. A handy tool; should be used in every garden.

Price, \$1.50



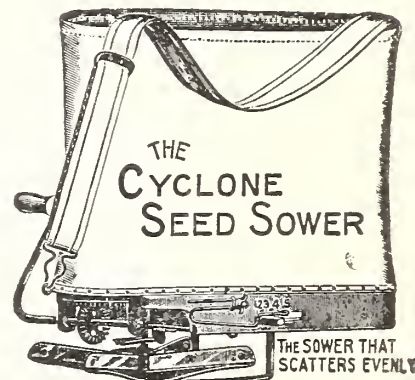
Ulrich Hand Cultivator.

Japanese Bamboo Broom Rake.

First quality bamboo with patented rustless clip makes this the best on the market. Price, 85c. Extra Size, \$1.25

The Cyclone Seeder.

The seeder that sows evenly, because, although simple, the features that have taken years to work out and combine the now perfected "Cyclone" with slant feed board, oscillating automatic feeder and shut-off, dished feed wheel and triple gears. Price, \$2.25 Mailing weight, 4 lbs.

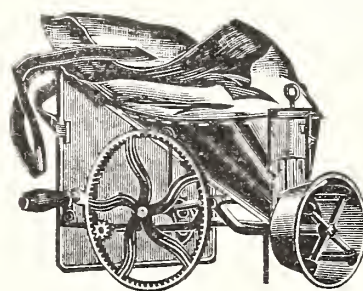


The Cahoon Hand Broadcast Seeder.

For Sowing ANY Grain or Grass Seed

It has positive and accurate feed. Malleable iron frame, steel hopper and gate, brass discharger.

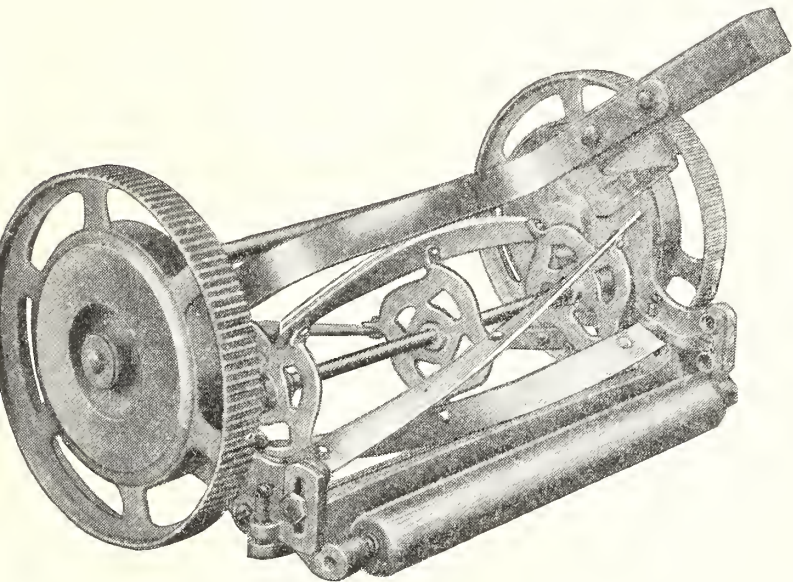
Price, \$5.25 each.



Lawn Mowers.

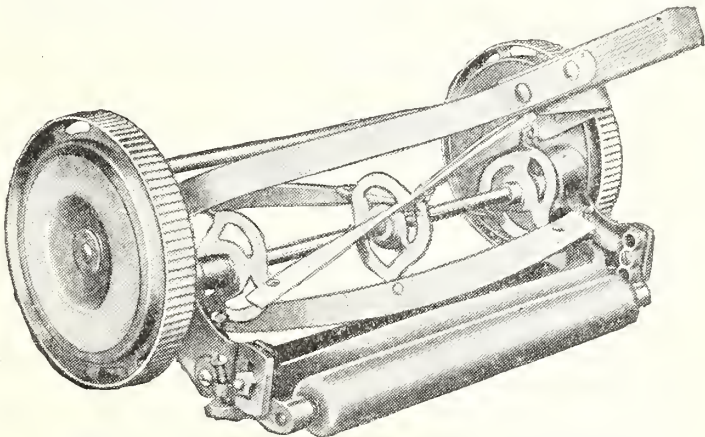
The Automatic Nine-Four.

A High-Grade, Light-Running Lawn Mower. The Automatic 9/4 is equipped with automobile quality Fafnir ball bearings, automatically adjusted; skeleton frame and wheels; nine-inch traction wheels; four crucible steel drawcut wiper blades; malleable iron cutter heads, gear case covers and roller brackets; crucible steel, lipped edge stationary knife, automatically sharpened; truss knife bar, strong and rigid; mould fitted adjusting screws, will not loosen. A great Mower at the price. 16-inch cut, \$11.50.



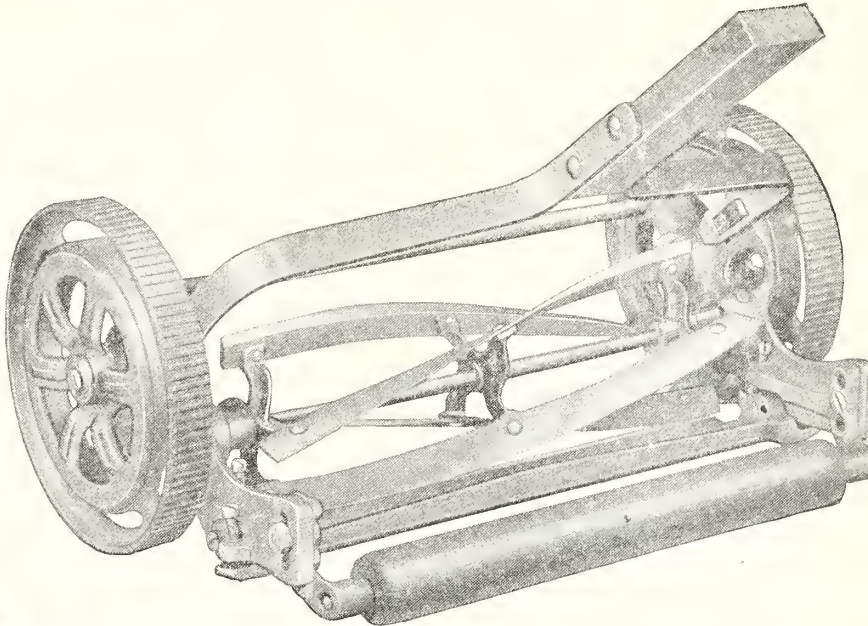
The Style E Moneyback Mower.

The Style E Moneyback Mower is a thoroughly high-grade machine equipped with self-adjusting ball bearings; ten-inch traction wheels; crucible steel drawcut wiper blades and stationary knife, automatically sharpened; truss knife bar; mould fitted adjusting screws, will not loosen; malleable iron roller brackets and cutter heads. Prices: 16-inch cut, \$13.50; 18-inch cut, \$14.50.



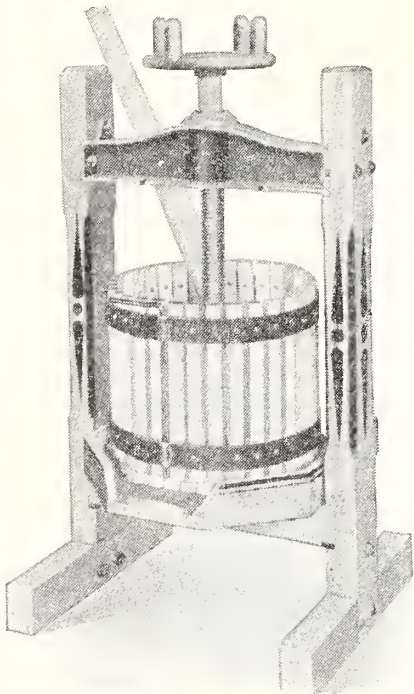
The Yankee Special.

The Yankee Special is a light, well-made Mower at a low price; fitted with plain bearings; eight-inch traction wheels; three crucible steel drawcut wiper blades. The best possible value has been put into this machine for the money. Price: 14-inch cut, \$6.50.



Cider and Wine Presses.

These presses are much stronger and more durable than those usually sold, well braced and nicely finished. All presses numbered 1 to 5 have iron cross piece and hinged tubs. The single tub mill and press combined will give satisfaction where its capacity is ample. Size of cage is 14 inches diameter by 12 inches deep.



No. 3 Red Cross.

No. 1	10 x 12	\$9.00
No. 2	12 x 14	12.00
No. 3	14 x 17	20.00
No. 5	21 x 18	31.00

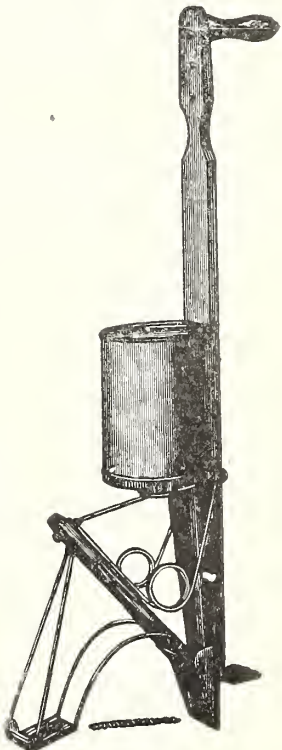
Prices quoted on application.

Combined Cider Mill and Press.

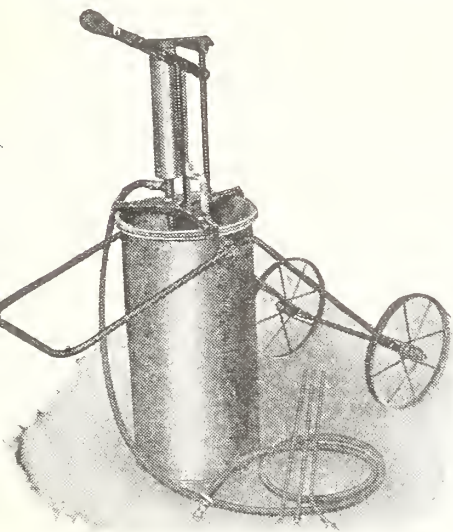
Single Tub ..	140 lbs.	\$21.00
Junior	220 lbs.	24.00
Medium	240 lbs.	27.00
Senior	475 lbs.	48.00

Automatic Corn Planter.

Can be regulated as to depth and amount of seed planted. Much more work, and with greater regularity, can be done than in the old way. Price, \$3.50

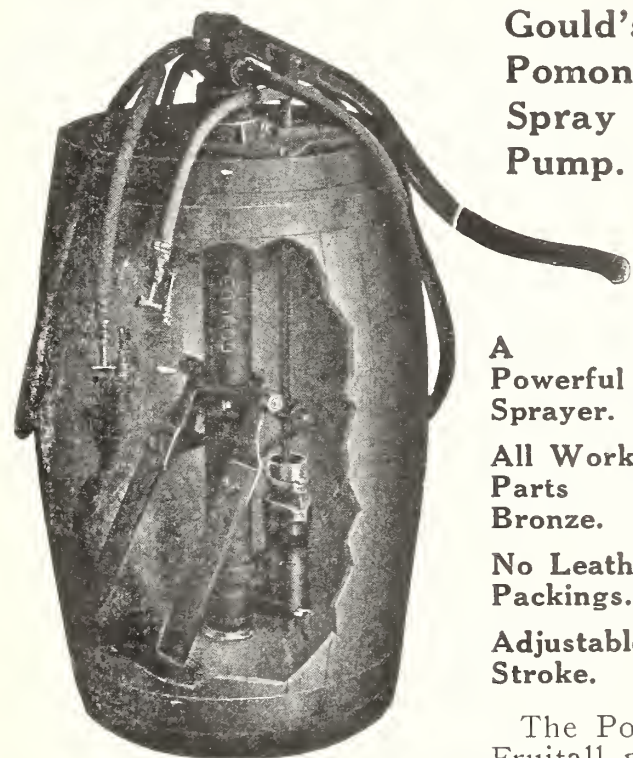


No. 3 Paragon Sprayer.



The Paragon No. 3 is a distinct improvement in sprayers of this type; first, in the large cylindrical strainer, which makes it practically non-clog. The agitator keeps solution thoroughly stirred. Pressure is kept up to a high point steadily because of large air chamber and great leverage. A well-made handy outfit. Equipped with 12-gallon tank and truck, three 2½-ft. extension rods, 10 ft. hose, two nozzles and shut-off. Price, \$25.00

extension rods, 10 ft. hose, two nozzles and shut-off.

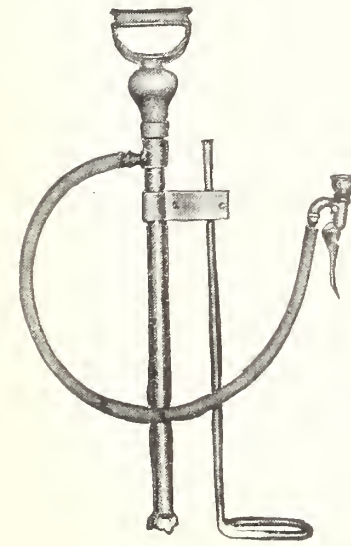


Gould's Pomona Spray Pump.

- A Powerful Sprayer.
- All Working Parts Bronze.
- No Leather Packings.
- Adjustable Stroke.

The Pomona and Fruitall pumps are the result of long experience in the manufacture of spray pumps. They are strictly up-to-date and embody efficiency, durability and convenience. Price, Pomona Pump only, \$22.00; mounted on 50-gallon barrel, \$27.50.

Outfit P. A. Pump, not mounted, 25 ft. Bull Dog Hose, 10-ft. extension rod, with shut-off, one Friend nozzle, \$32.00. If with shut-off at pump, add \$1.70. Barrel and mounting, \$5.50.



Auto-Spray Bucket Pump.

A new Auto-Spray Bucket Pump No. 60. A powerful, double-action bucket pump, capable of generating high pressure. All Brass construction of pump and valves means long life and freedom from rust and corrosion. Iron foot rest, 3 feet of ¾-inch hose and Auto Pop Spray Nozzle. Price \$6.00.

Fruitall similar to Pomona, but fastens to chime of barrel instead of head, and has two-inch cylinder. Price, pump only, \$12.00, with outfit same as for Pomona P. A., \$22.00. Barrel and mounting, \$5.50. Send for special catalogue.

The Auto-Spray No. 1.

Strong, Simple, Reliable.

For spraying trees plants and shrubs, white-washing, cold-water paints, etc. Tank capacity 4 gallons. Weight for shipment, 10 pounds. Equipped with 2 feet of hose, fine spray nozzle and auto pop or shut off, also one 2-foot extension rod.

- Price, No. 1A. Brass Tank, with stop cock, \$9.25.
- Price No. 1B. Brass Tank, with Auto Pop, \$9.75.
- Price No. 1C. Galvanized Tank, with stop cock, \$6.25.
- Price No. 1D. Galvanized Tank, with Auto Pop, \$6.75.
- Two-foot brass extension rods, 60c. each.
- Elbow connections, 30c. each.



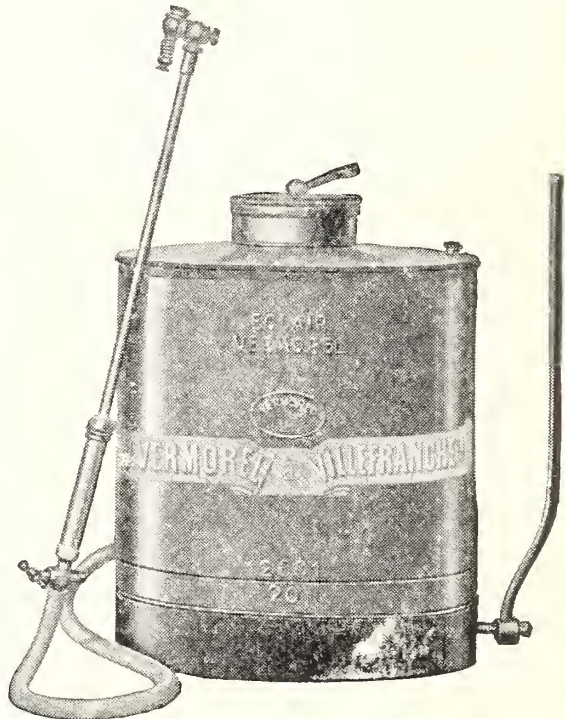
Vapor Spray.

A small spray which will fit into a one-pint or quart bottle, but constructed of high-grade materials and on the same principles as large, best-made sprayers; therefore, delivers a fine mist so necessary for fungi and insect control. Price, \$1.25.

Vermorel Knapsack Sprayer.

An imported French sprayer especially well and simply made, maintains high pressure so necessary for satisfactory results. Tank is copper. A clever cylinder strainer in the extension rod is a valuable feature.

Price, \$20.00

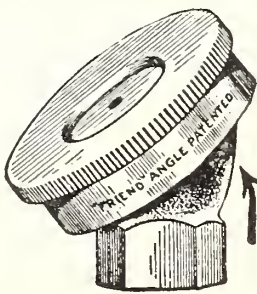
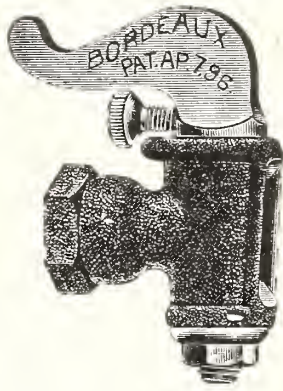


Wire Brushes

for exterminating tent caterpillar nests. Price, 50c.

Spray Hose. See page 74.

Spray Nozzles.

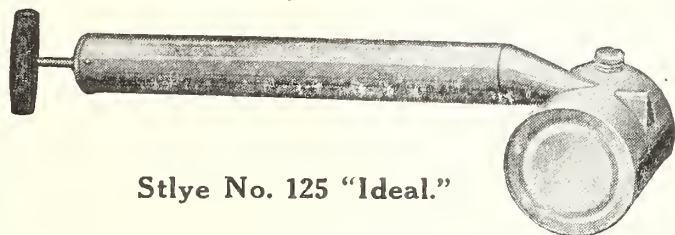


FRIEND ANGLE

FRIEND NOZZLES do the work of two ordinary nozzles. Made of brass, in either straight or angle neck, with hardened tool steel disc placed into discharge cap and which can be removed and a new one inserted. Price for ¼-inch pipe, \$1.00; extra discs, 30c. dozen. BORDEAUX NOZZLE, especially well adapted for white-wash spraying. Price, 90c.

Lowell Ideal Sprayer.

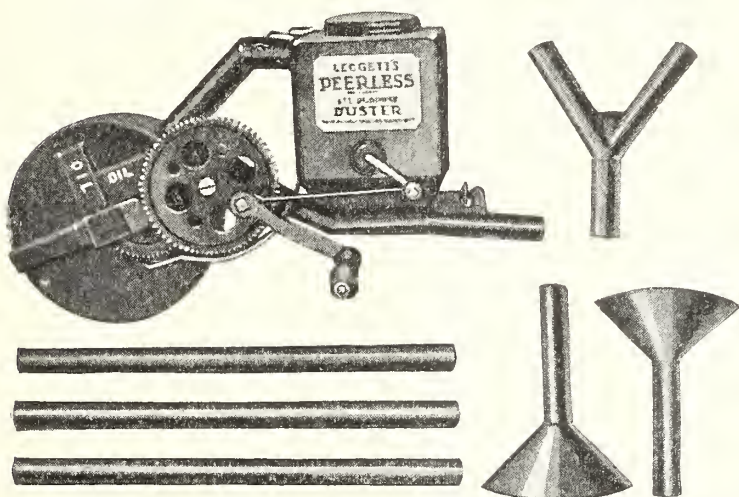
Ideal sprayers are strong, compact and handy, throw a good spray. Made in all tin, galvanized with tin tube, or all brass; length over all, 20¼ inches. The No. 126 are auto spray continuous compressed air of new improved design, cleaned without the use of any tools.



Stlye No. 125 "Ideal."

No. 118.	Tin Midget, 14-in., 1 pint.....	\$.35
No. 125.	Ideal, all tin, 1 quart .....	.45
No. 126.	Ideal, galvanized tank, tin tube .....	.50
No. 127.	Ideal, all brass .....	.85
No. 26A.	Auto Spray, tin, continuous, 1 quart..	.85
No. 26C.	Auto Spray, brass, continuous, 1 quart	1.30
Mailing weight, 2 lbs. each.		

Leggett's Improved "Champion."

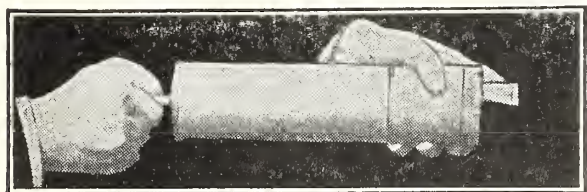


The "All purpose" Duster. Fully equipped with tubes, nozzles and carrying straps. Will apply effectively any of the dry powdered insecticides. Price, \$16.00. Shipping weight, 18 lbs.

Lowell Dust Blow.

Works like a Lowell sprayer, but blows powder instead of a liquid. A handy small tool for dusting with powder, particularly Bug Death, Hellebore, Persian Insect Powder, Sulphur, etc. Price, 75c.

Feeny Model "B" Duster.



A great improvement in method of applying dust insecticides. Small, inexpensive, but large capacity. Price, "B", 12-in., \$1.25. Weight, 1 lb. "A", 22-in., \$2.50.

Pruning Saws.

Disston Duplex. Double edged, 18 in., \$1.60.
No. 1. Single edged, 18 in., \$1.50.
Detroit Swivel, 14-inch blade, similar to a butcher's meat saw, \$2.10.
No. 50, California Pattern. Curved blade, 14 in., \$1.00.
No. 111. Curved blade, 10 inch, with malleable iron socket for pole, \$1.75.
 Shipping weight pruning saws, 2 lbs. each.

Tree Pruners.

Detroit. Blades and head of drop forged steel, a good strong pruner. Price: 10 or 12 ft., \$2.70; 14 or 16 ft., \$3.00.

Waters. The old well-known pattern, much lighter than the above. Price: 8 ft., \$1.60; 10 ft., \$1.75; 12 ft., \$1.90.

Kansas Pruner. A new pattern and very powerful. Will cut a green limb 1½ inches through, or the smallest twig. Price, with 8-ft. handle, \$4.00.



Pruning Shears.

Only good shears.

No. 4671, 9-in..	\$1.00
No. 4671, 8-in..	.95
No. 2, 9-in.....	.85
No. 4773	2.35

No. 1887	\$3.35
No. 4770, ladies'	1.25
No. 541, grape.	.55
French	1.85

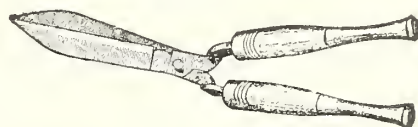
Hedge Shears.

No. 100, plain 9 in., \$3.00. No. 101, with notch for cutting branches, \$3.25.

No. 107, 5¼-inch, \$2.50.

Border, No. 104, \$5.50; Border, No. 105, \$6.25.
 Lawn, No. 106, \$5.50; Lawn, No. 1062, \$7.00.

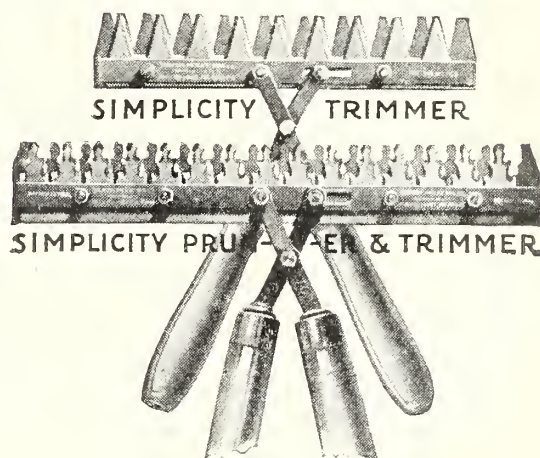
Imported English.



Simplicity Hedge Trimmer.

Cuts both opening and closing.

Trimmer, \$4.00.
 Pruner, \$6.00.



Lopping Shears.

Are economically used for the removal of branches too large for the ordinary pruning shears, being much quicker than the saw.

Clyde. A powerful shear; easily cuts a broom handle. Price, \$3.25.

Tiffany Pruner. A high-grade, special steel lopping shear; easily cuts one inch wood. Size 2, 24-inch, \$3.75.

Grass Shears, 3074E, \$2.00. **Grass,** 357, 75c.; No. 346, 50c.

Grass Hook, Nos. 1 or 3, 65c.

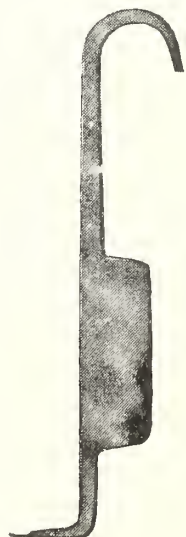
Scythes. Fine hammered steel. Blades, 32, 34 or 36-inch. \$2.00 each.

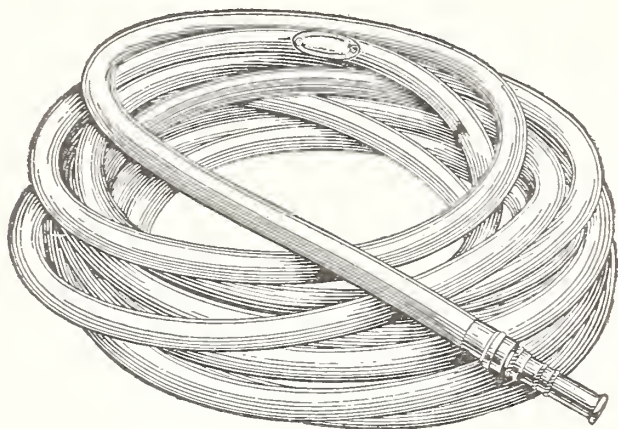
Snathes. No. 50, Grass, \$1.70; No. 105, Bush, \$1.90.

Grafting Blade.

One piece of forged steel—practical, compact, convenient. The best made tool for tree work. Each, \$1.00.

Trowbridge's Grafting Wax. 15c. per ¼-lb.; 25c. per ½-lb.; 45c. per lb.



Garden Hose.

Bull Dog Hose. Improved especially for greenhouse use, and made in the $\frac{5}{8}$ -inch size, with $\frac{3}{4}$ -inch couplings of special design, allowing a full flow of water. The highest brand of multiple fabric garden hose, made of seamless rubber tubing, seven plies of closely woven light duck, well frictioned, and a real rubber cover. Price in 25 or 50-foot lengths, 20c. per foot.

Good Luck. This is a $\frac{5}{8}$ -inch hose, and will carry about 80 or 90 per cent as much water as $\frac{3}{4}$ -inch. On account of its slightly smaller size it gives economy of material to manufacturer. Every effort has been made to make this the biggest value in garden hose as the price obtainable. Equipped with standard $\frac{3}{4}$ -inch couplings. Price, in 25 or 50-foot lengths, 15c. per foot.

"Electric" Woven Hose. $\frac{3}{4}$ -inch. Original and best corrugated hose made in 500-foot lengths. Price, in 25 or 50-foot lengths and over, coupled, at 22c. foot.

Electric, half-inch, per foot, 20c.

Extra charge for coupling less than 25 ft., 25c.

Spray Pump Hose.

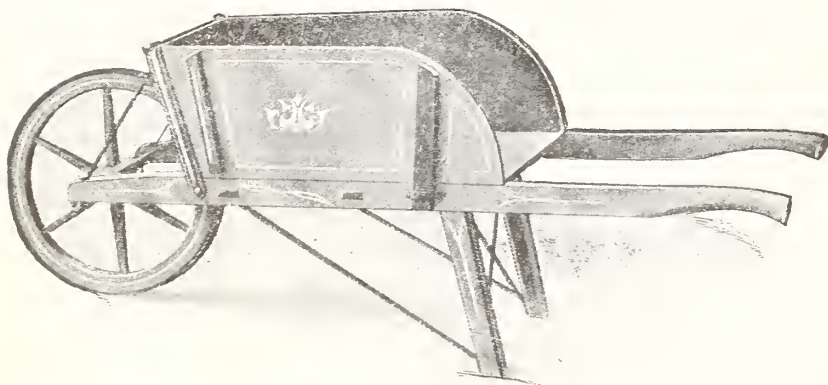
One-half inch. We offer one grade only, and that has been carefully made, especially for that purpose.

"Bull Dog." Per 100 feet, \$28.00.

For less than 25 ft., add 2c. per ft. Cut only in multiples of 5. Coupling extra; common, 35c.; long tail, 50c.

All Iron Hose Reel.

Holds 100 feet $\frac{3}{4}$ -inch hose. Has corrugated drum. Price, \$5.75. Reeleasey, \$2.00.

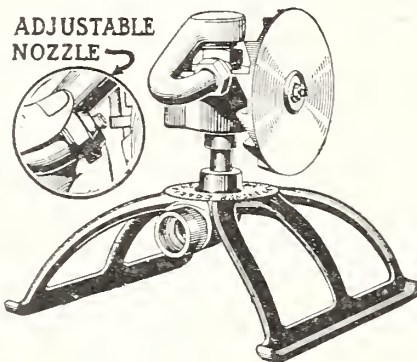
**Garden Barrows.**

Made from the best seasoned timber. The end of the bottom is cut into the back sill, thus preventing the splitting or breaking of the bottom boards. The wheel has a cast-iron hub with white oak or ash spokes and rims. The axle is wrought iron, with turned arbors. The whole barrow is reinforced and braced, making it light and especially strong.

Buch's Garden Barrow, No. 3, \$7.85.

Canal Barrow, No. 8, full bolted, \$5.25.

Prices liable to change.

Double Rotary Lawn Sprinkler.

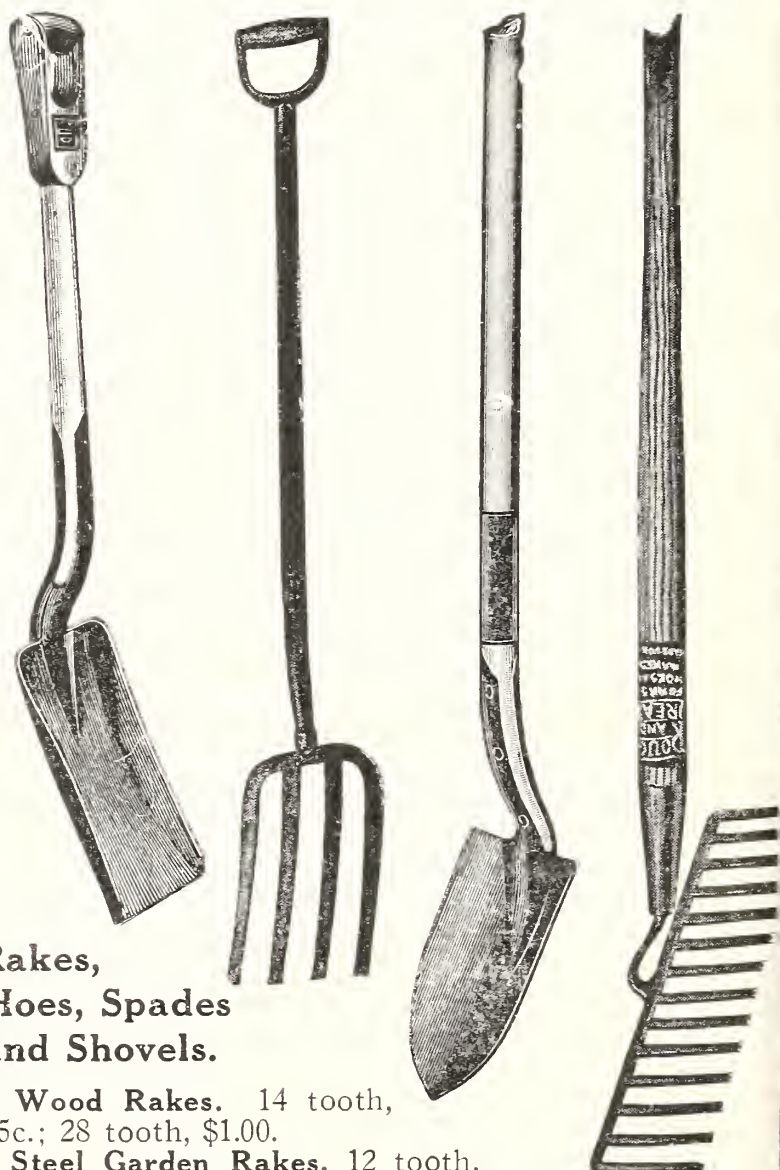
A Double Rotary Sprinkler does the work of several smaller sprinklers. Even with moderate pressure it will cover an area 75 feet in diameter, gently and thoroughly. Can be set for large or small area in less than one minute; no fine openings to clog; well and substantially made; especially valuable for golf greens and large lawns. Price, \$12.50.

Fountain Lawn Sprinkler.

Very simple and practical. Made in the form of a brass ring. Can be drawn over the lawn on the hose without detaching, and keeps right side up. Price, 85c. each.

Elgin Lawn Sprinkler.

One of the best small sprinklers even under low pressure. A perfect spray. No moving parts. Price, \$1.00.

**Rakes, Hoes, Spades and Shovels.**

Wood Rakes. 14 tooth, 85c.; 28 tooth, \$1.00.

Steel Garden Rakes, 12 tooth, \$1.10; 14 tooth, \$1.25; 16 tooth, \$1.35; 18 tooth, \$1.50.

Bow Handle Steel Garden Rakes, 14 tooth, \$1.50.

Steel Spades and Shovels, long or short handles. Lee, \$2.20. Ames, \$2.55.

Steel Hoes, Socket, 6-inch, \$1.10; 7-inch, \$1.30; 8-inch, \$1.35; 9-inch, \$1.50.

Spading Forks, long or short handles, 4-tine, strapped, \$2.00; 5-tine, strapped, \$2.70.

Turf Edgers, Socket, \$1.35.

Light, for Frail Plants.

Each. Per 10. Per 100.

\$.11	\$1.05	\$9.75
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Plant Stakes.

6 FT.



5 FT



4 FT.



3 FT.



2 FT.



1 1/2 FT.

Cane Stakes, Bamboo.

These are light and strong, used extensively by florists; easily cut to length desired. Light six-foot, diameter about 3/8-inch. Per ten, 25c.; per 100, \$1.70; per 1,000, \$15.00. Eight-foot, diameter about 1/2-inch. Per ten, 40c.; per 100, \$3.50; per 1,000, \$30.00.

Bamboo Tonkins. Six feet long, 5/8-inch to 3/4-inches diameter, straight, strong and durable. Price, each, 10c.; per 100, \$8.00.

Cedar Bean Poles.

Good quality, eight to ten feet, large and straight, sharpened.

Heavy, 8 to 10 feet, sharpened, 20c. each; \$2.00 per ten, \$12.50 per 100.

Garden and Pot Labels, Painted.

	Per 10.	Per 100.	Per 1000.
4 1/2 inch	\$.05	\$.25	\$2.00
6 inch .....	.06	.35	2.65
8 inch .....	.10	.80	
10 inch .....	.15	1.00	
12 inch .....	.20	1.25	

Tree Labels, Painted.

Tree Labels, Painted. Notched and copper wired, 35c. per 100; \$2.45 per 1,000.

Improved Copper Tree Label. Size 1, 20c. per ten, \$1.50 per 100.

Shuffle Hoe.

6 in.	7 in.	8 in.
90c.	95c.	\$1.00

Handle extra, 40c.



Ideal Weeder.

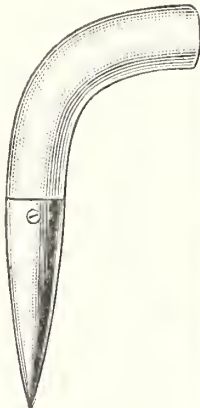
Price, each, 30c.

Excelsior Weeding Hook.

This implement can be used to great advantage among small and tender plants. Price, each, 20c.

Asparagus Knife or Weeder.

Price, 50c.



Dibber.

No. 218, wood with iron point, 60c. No. 2180, brass point, 80c.

Heavy, or Dahlia Stakes.

Each Per 10. Per 100.

\$.24 \$2.20 \$21.50

.20 1.80 17.50

.16 1.45 13.75

.12 1.10 10.50

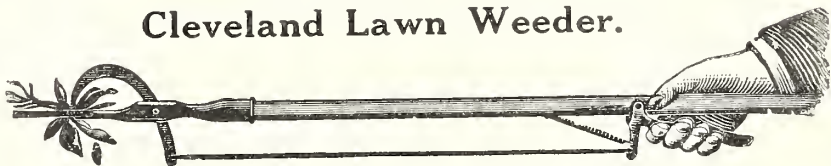
Made for supporting frail plants, such as fuchias, carnations, tuberoses, etc. They are round, taper to the top, and are painted green.

Garden Trowels.



No. 215, 20c.; No. 214, 25c.; No. 212, 35c.; No. 211, 70c. Hoe Trowels, 70c. Bulb Trowels, 85c. No. 217, Transplanting Trowel, 20c.

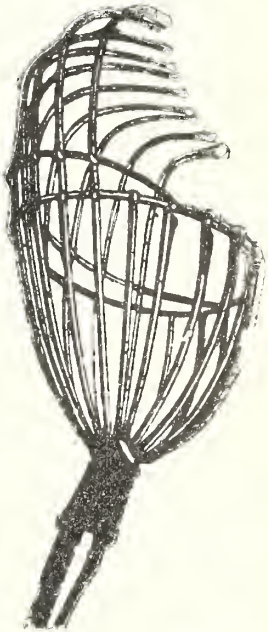
Cleveland Lawn Weeder.



This little device gets at the root of the evil and removes it bodily. Price, \$1.25.

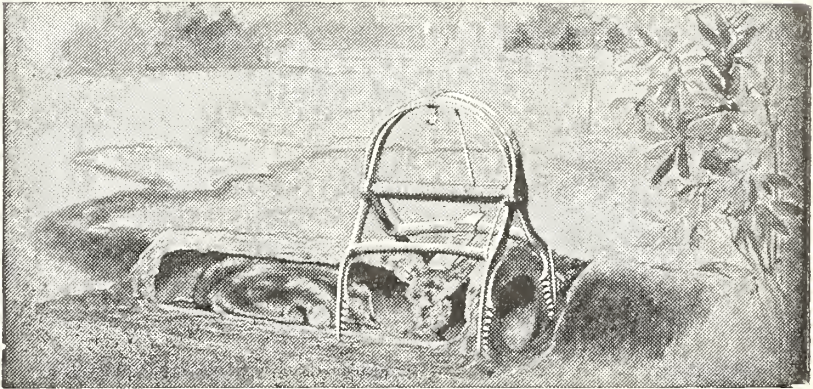


Price, 25c.



Perfect Fruit Picker.

Galvanized steel wire, attaches to pole of any length. Price, without pole, 60c. Price of 10-ft. pole, 40c.



"Out o' Sight" Mole Trap.

The secret of mole catching is a good trap and to know their habits. Full information sent with each trap. Price, each, \$1.25.

Thermometers.

We carry in stock a complete line of thermometers suitable for use in greenhouse poultry and general work.

5120S	6-in. Household, wood back	\$1.10
5154S	8-in. Coppered Case, Distance Reading .....	.75
5400S	8-in. Tin Case, Japanned...	1.50
5420S	8-in. Tin Case, Japanned...	.85
5420S	10-in. Tin Case, Japanned...	1.00
5430S	8-in. Coppered Case .....	.75
5452S	8-in. Maximum and Minimum, Registering	6.00
5508S	10-in. Minimum Registering.	1.35
5981	15-in. Hot Bed	3.00

Incubator or Brooder, see Poultry Supplies.



Putty Bulb.

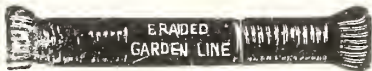
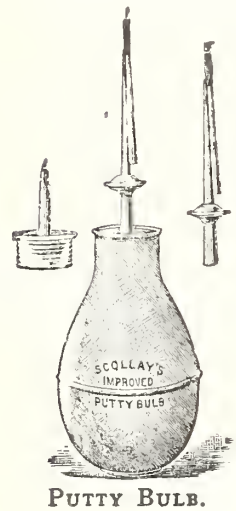
Price, \$1.50 each.

Garden Reels.

Iron Japanned (two arms), medium size, \$1.35 each.

Garden Line

100 ft., \$1.00



Jute Tying Twine.

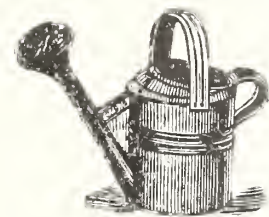
Two, three or five-ply, 15c. per 8-oz. ball; 30c. per pound.

Many ends vegetable twine, 2 or 3-ply Jute, on reels of about 50 lbs. each. Write for prices.

Mastica.

For glazing greenhouses, sashes, etc. Elastic, adhesive and easy to apply. Far superior to putty. One gallon will cover about 300 running feet, one side. Price per gallon, \$2.75; 5 gallons, \$13.50; 10 gallons and over, \$2.65 per gallon. Machines for applying Mastica, \$2.75 each.

Watering Pots.



Quart.	Heavy Tin.	Galv.
2	\$.40	
4 .....	.55	\$.65
6 .....	.60	.75
8 .....	.80	.85
12		1.05
16		1.50

Parlor. Long, small spout. 2-quart, \$1.00.

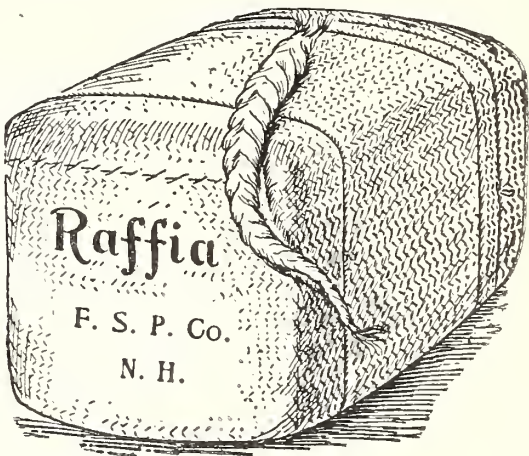
Wotherspoon Watering Pots. Extra heavy and long spout, for greenhouse use.

	Round.	Oval.
8 quart	\$4.25	\$4.85
12 quart	5.00	6.00

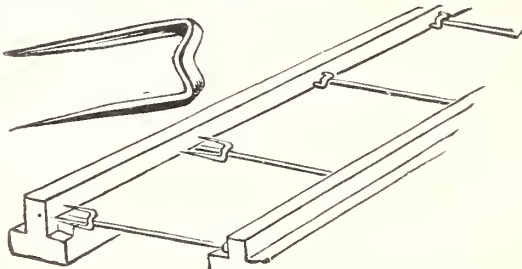
Raffia.

For tying plants, budding, etc., Raffia is superior to twine for bunching asparagus, celery, radish, cress, etc.

Price per lb., 35c.

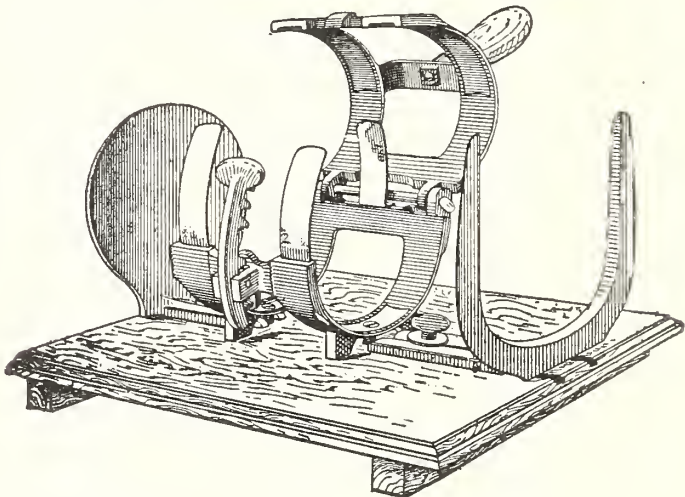


Van Reyper's Peerless Glazier Points.



Made of steel wire and galvanized. Three sizes: No. 1 for small single thick; No. 2 for medium double thick; No. 2½ for large double thick glass. Per box of 1,000, 65c.; lots of 5,000 by express, 60c. per 1,000. Pincers for driving the points, 50c.

Acme Asparagus Buncher.



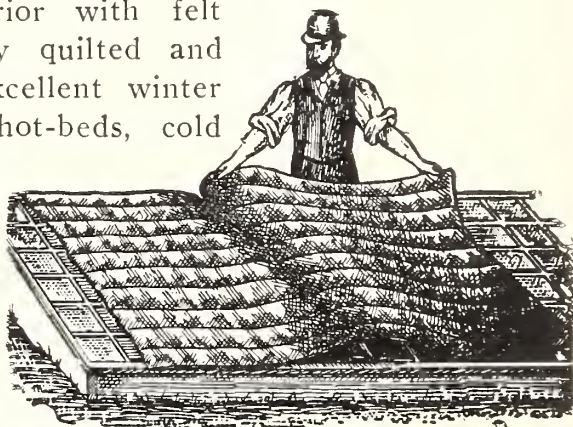
A great help to make bunches uniform and neat. Price No. 1, for 1-lb. bunches, \$4.25. Price No. 2, for 2-lb. bunches, 4.25.

Hot Bed Sash--Regular.

3 ft. 2 in. x 6 ft. Glazed, \$4.50. Painted one coat.

Hot Bed Mats.

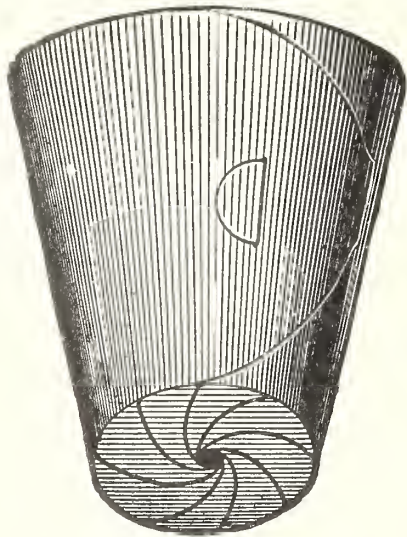
Burlap exterior with felt filling, securely quilted and bound. An excellent winter covering for hot-beds, cold frames, in fact, anything requiring a heavy mat covering for winter protection, 76 x 76 inches, \$3.25 each; \$35.00 per dozen.



"Neponset" Paper Flower Pots.

Size.	Per 100	Per 1000
2¼	\$.45	\$3.70
2½	.55	4.30
3	.75	5.85
3½	1.00	7.60
4	1.20	9.50
5	1.85	14.85
6	2.45	19.80

Potage extra.



Standard Flower Pots.

In.	Per 1000.	Per 10.	Each.	In.	Per 100.	Per 10.	Each.
2	\$11.25	\$.12	\$.02	8	\$19.50	\$2.00	\$.22
2¼	12.75	.15	.02	9	30.00	3.25	.35
2½	15.00	.18	.02	10	40.50	4.25	.45
3	19.50	.22	.03	11	60.00	6.25	.65
3½	24.00	.25	.03	12	82.50	8.50	.90
4	30.00	.35	.04	14	135.00	14.00	1.50
5	54.00	.55	.06	15	210.00	22.00	2.30
6	81.00	.90	.10	16	300.00	31.00	3.30
7	135.00	1.40	.15				

Saucers.

Inches.	Per 100.	Per 10.	Each.
4	\$2.25	\$.25	\$.03
5	3.00	.35	.04
6	4.50	.50	.06
7	6.00	.65	.07
8	8.25	.85	.09
9	11.25	1.20	.13
10	13.50	1.40	.15
11	16.50	1.75	.18
12	20.25	2.10	.22

Bulb Pans.

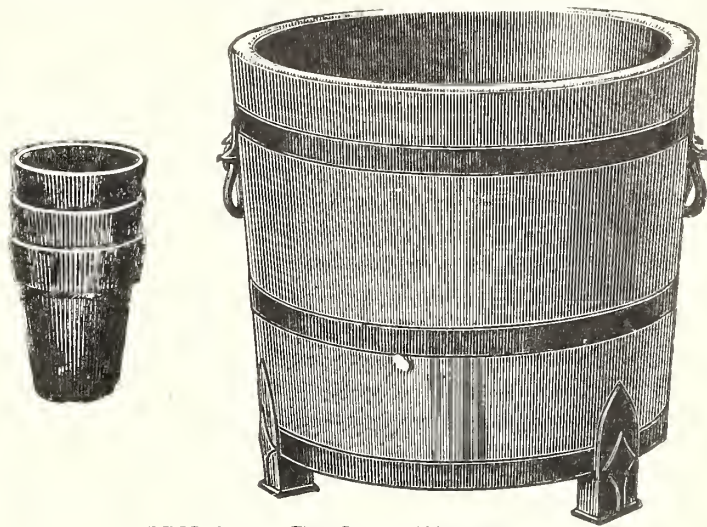
Inches.	Per 100.	Per 10.	Each.
6	\$8.10	\$.90	\$.10
7	13.50	1.40	.15
8	19.50	2.00	.22
9	30.00	3.25	.35
10	40.50	4.25	.45
12	82.50	8.50	.90
14	135.00	14.00	1.50

Fern Pans.

Inches.	Per 100.	Per 10.	Each.
4	\$4.50	\$.50	\$.06
4¾	6.00	.65	.08
5½	7.50	.80	.10
6¼	9.00	.95	.12
7	10.50	1.10	.14
8	15.00	1.60	.18

Azalea Pots.

Inches.	Per 100.	Per 10.	Each.
4	\$3.00	\$.35	\$.04
5	5.40	.55	.06
6	8.10	.90	.10
7	13.50	1.40	.15
8	19.50	2.00	.22
9	30.00	3.25	.35
10	40.50	4.25	.45



White Cedar Tubs. Painted Green, with Feet.

No. 1.	13½ inches diameter	\$2.35
No. 2.	15 " "	3.00
No. 3.	16 " "	3.75
No. 3½.	18 " "	5.00
No. 4.	21 " "	5.25
No. 5.	24 " "	7.00

Growers' Tubs.

A good strong tub, lighter in weight than above; without feet or handles.

No. 6	8½ inches diameter	\$1.15
No. 7	9 " "	1.40
No. 8	10 " "	1.75

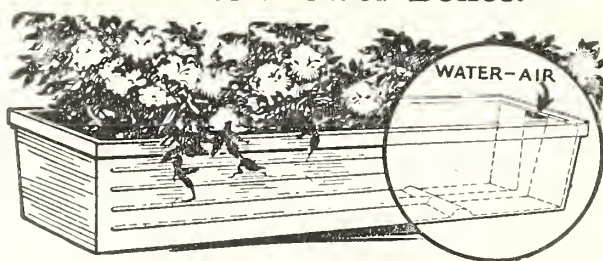
Success Flower Boxes



Success Plant Boxes.

Galvanized, painted green, and with patented lip so that it may be watered from the bottom to avoid surface soil hardening. Price: 24-inch, \$1.25; 36-inch, \$2.45.

Perfecto Flower Boxes.



Perfecto Flower Boxes are new, self-irrigating, air-circulating and draining; attractively finished and, most important, grow vigorous plants. All sizes are 6 inches wide by 7 inches deep. Prices: 26-inch, \$2.50; 32-inch, \$2.75; 38-inch, \$3.25; 44-inch, \$3.75.



Germaco Hotkaps New Method of Plant Protection

A Money-Maker—matures crops earlier; shields plants from frost, wind and rain; protects them from insects; miniature "hot-houses." An amazing invention—crop insurance. A revolutionary device that saves farmers much in time, labor and money. Price per 100, \$1.50; per roll of 1,000, \$11.50. Postage or express extra. Write for quantity prices and pamphlet.

Peat Moss.

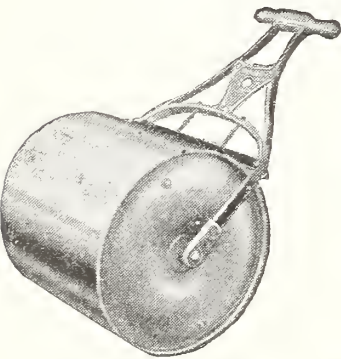
Peat Moss is a light brown colored virgin soil formed years ago by the growth and decay of mosses (mostly Sphagnum) and various aquatic plants. It is a soil medium that is free from fungus, silt, sand or weed seeds, highly absorbent and retentive of moisture. It is used by gardeners and florists in a great variety of ways; such as, mixing with soil, propagating, mulching evergreens, roses, top dressing lawns, etc., which are covered more fully in a special folder, mailed upon request. G. P. M. Peat Moss is put up in machine-compressed, 8-bushel bales, burlapped. The contents will cover 240 square feet, 1 inch deep. It is not sold by weight because that depends on the technical moisture content. Price per bale, \$4.00; 10 bale lots at \$3.75 per bale.

Growell Pots.

Pots for starting plants made from compressed Peat Moss are found to produce better plant growth, therefore earlier crops or blooms. There is no check in transplanting for the pot walls, bottom and all is a network of roots and the pot becomes a part of the soil itself, therefore do not compare diameter of pots on same basis as earthen or paper pots. A trial will convince anyone that this is a valuable, new method of producing early, profitable results. Prices:

No. 2—2¾ inch diameter	Per doz.	500.	1000.
No. 4—4 " "	25c.	\$7.50	\$14.00
No. 5—5 " "	30c.	10.50	18.50
No. 6—6 " "	40c.	16.50	30.00
	55c.	20.00	40.00

Dunham Roller Bearing Water Ballast Lawn Rollers.



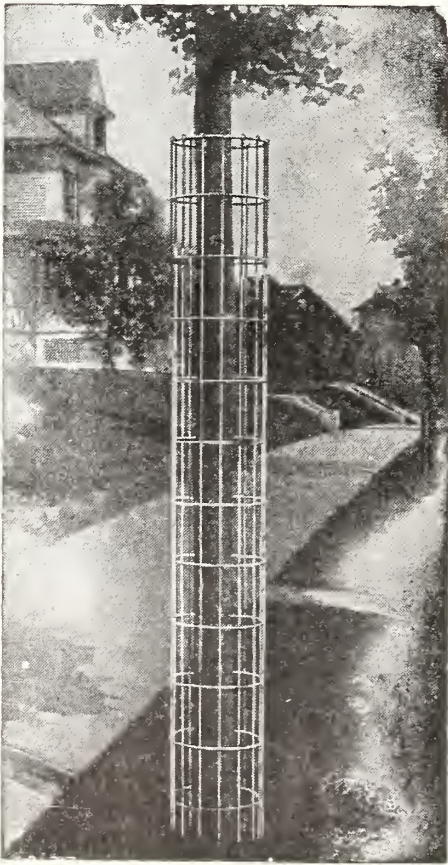
- No. 5—Roller Bearing, 18 x 24 in., with no tip handle lock, \$20.00.
- No. 7—Roller Bearing, 24 x 24 in., with no tip handle lock, \$23.00.
- No. 2—Plain Bearing, 14 x 24 in., \$13.50.
- No. 4—Plain Bearing, 18 x 24 in., \$16.00.

Grass Catchers.

Adjustable to any mower, "Easy Empty," \$1.75.

E. W. Tree Guard.

Electrical-ly welded, heavy steel wires and galvanized after welding. Spaces are close enough to prevent horses from injuring the tree, yet they are not cumbersome and leave no space to harbor insects. Price, each, \$1.50.



Flower Bed and Lawn Guard.

Constructed of heavy galvanized steel wire. "Cyclone" is crinkled and galvanized. Prices are per linear foot.

"Cyclone." 12 inch 10c.

Trellis or Arch Wire.

"Cyclone." 18 inch 8c.
24 inch 10c.
30 inch 12c.

For the Birds.



Canary and Rape. Re-cleaned, sweet and fresh mixed in proportion two-thirds canary and one-third rape seed. Per pt., 15c.; per qt., 25c.

Best Sicily Canary Seed. Per pt., 15c.; per qt., 25c.

German Rape. Per pt., 15c.; per qt., 25c.

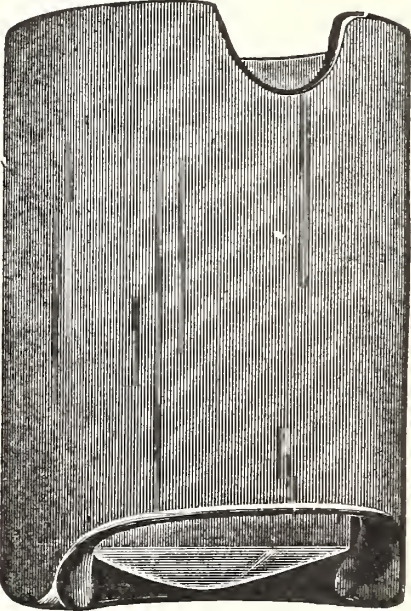
- Mixed Parrot. Price per pt., 15c.; per qt., 25c.
- Millet, American. Price per qt., 15c.
- Hemp Seed. Price per qt., 18c.
- Sunflower Seed. Price per qt., 12c.
- Maw Seed. (Poppy). Price per lb., 35c.
- Thistle Seed. Per lb., 35c.
- Padda or Unhulled Rice. Price per qt., 20c.
- Bird Pep. Per roll, 15c.; doz. rolls, \$1.50.
- Bird Gravel. Price per qt. box, 12c.
- Cuttle Fish. Price, each, 3c.; 2 for 5c.; lb., 70c.
- Large size, 5 to 6 inches, 5c. each.
- Song Restorer. Price per bottle, 25c.
- Bird Tonic. Price per bottle, 25c.
- Fish Food, Wafer. Price per pkg., 10c.
- Fish Food, Natural. Price per pkt., 10c.
- Wild Bird Food. All whole seeds. Prices: 3 lbs., 25c.; 7 lbs., 50c.; 15 lbs., \$1.00.

Roto Salt Cakes.

Made from the finest table salt and guaranteed free from impurities of any kind. Horses and cattle are intelligent animals; they know when they require salt, and how much. Put the salt where they can get at it, but salt should never be mixed with the feed or thrown into the manger. There is an obvious disadvantage to this, as the animals have to take salt, whether they want it or not. The governing instinct of nature may better regulate quantity.

THE ROTO FEEDER is made of stone ware, exceedingly strong and simple.

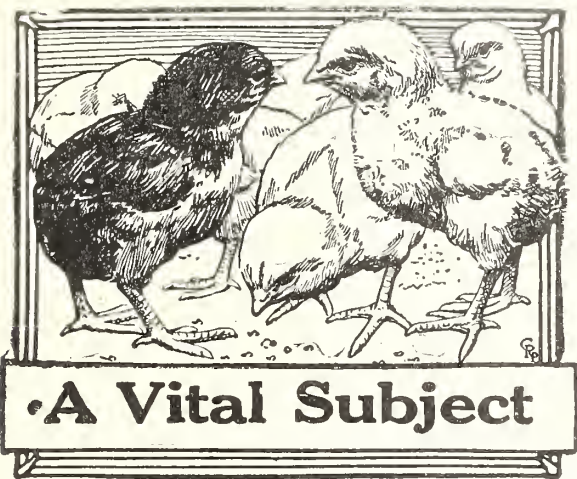
- Roto Salt Cakes, 25c. each; \$2.70 per doz.
- Roto Feeder, 40c. each.
- Square Salt Cakes, 25c. each; \$2.70 per doz.
- Square Salt Cake Feeders (Belmont), 30c. each.



POULTRY SUPPLY DEPARTMENT

The following is a list of the most useful articles for the practical and successful poultry keeper. Look through this list. No matter how few chickens you keep, you will find labor and time-saving appliances. Parcel Post can be figured by weight given.

STANDARD BRED BABY CHICKS.



We have again placed our contract with the same hatchery that has given us such excellent results in the past. Coming from a locality where clover grows freely, the range-reared stock from which our chicks come from have that stamina that transmits sturdiness.

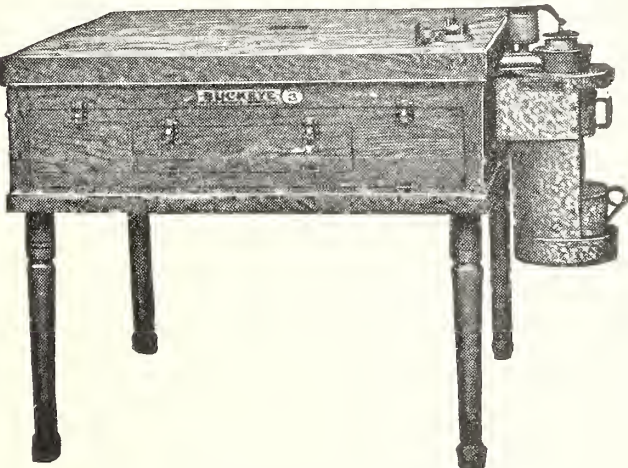
Beginning March 6, 1928, we will have Standard Bred Barred Plymouth Rocks, Rhode Island Reds, Single Comb White Leghorns, and White Plymouth Rocks.

Prices Per Hundred.

	March and April.	May.	June.
Rocks and Reds, per hundred	\$21.00	\$19.00	\$17.00
White Leghorns, per hundred ...	19.00	17.00	14.00
500 to 1,000	\$1.00 less per hundred		
1,000 up ...	2.00 less per hundred		

A deposit of twenty-five per cent with your order insures getting them when wanted.

Buckeye "Standard" Incubators.



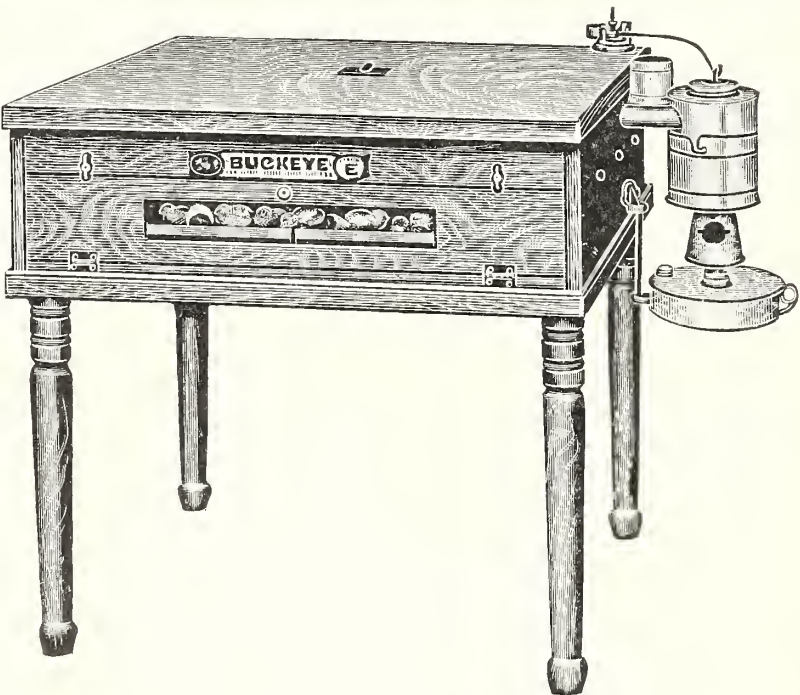
Buckeye "Standard" Incubator No. 2.

There are two styles of the Buckeye Incubator—the Buckeye "Standard" and the Buckeye "Style E". They are the result of over thirty-five years of study and experiment, and they include today every possible device for the promotion of the highest efficiency in incubation. **There are no other incubators like them.** They will hatch more chicks and better chicks than any other incubator in the world. Buckeye "Standard" Incubators are made with a double-thick case, the outer layer of which is California Redwood. Heat insulation is practically perfect. The **hot water** circulating tank is of **pure copper**—it will never rust or corrode. The automatic regulator is the most perfect device of its kind ever invented. It **assures** the uniform temperature essential to proper incubation at all times and without any attention whatever. The lamp is supplied with either an oil or gas burner—each one efficient, economical in operation, dependable, and **fire-proof**. Buckeye "Style E" Incubators

are a little more inexpensively constructed and a little less expensive in price—but they contain all the **essential features of Buckeye design.**

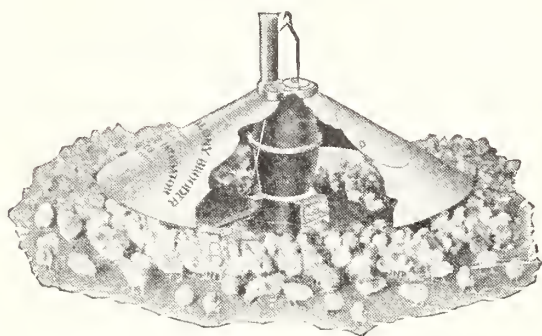
Prices of Standard.

No. 1.	110 eggs (shipping weight 104 lbs.).	\$37.50
No. 2.	175 eggs (shipping weight 129 lbs.).	44.50
No. 3.	250 eggs (shipping weight 170 lbs.).	57.75
No. 4.	350 eggs (shipping weight 206 lbs.).	68.00
No. 5.	600 eggs, mammoth (shipping weight 314 lbs.)	107.00



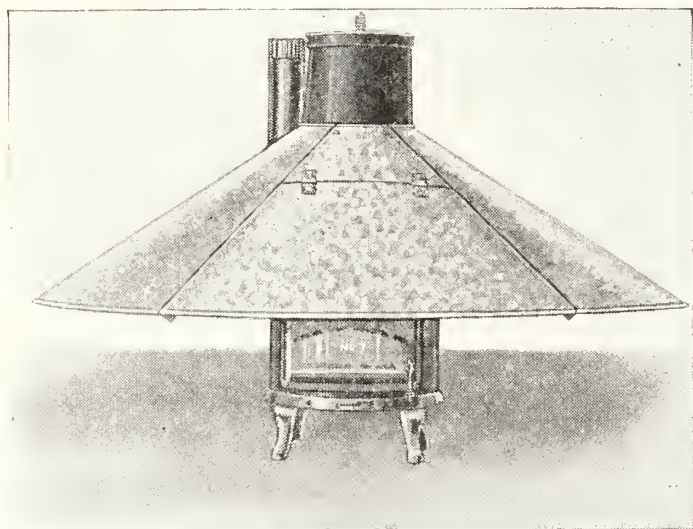
Buckeye "Style E."

No. 14 (Style E).	65 eggs (ship. wt. 56 lbs.)	\$16.50
No. 16 (Style E).	110 eggs (ship. wt. 90 lbs.)	27.50
No. 17 (Style E).	210 eggs (ship. wt. 210 lbs.)	36.75

Buckeye Standard Colony Brooder.

A remarkably efficient coal-burning brooder. A brooder that provides a constant, correct temperature, and a constant supply of pure, fresh air.

No. 117.	350 newly hatched chicks (weight 74 lbs.)	\$16.50
No. 118.	500 newly hatched chicks (weight 94 lbs.)	21.50
No. 119.	1,000 newly hatched chicks	26.50

Newtown Colony Brooder.

The Newtown Coal-burning Colony Brooder needs no introduction to poultrymen. It was the first coal-burning, self-feeding, self-regulating Colony Brooder put upon the market.

Every article bearing the name of "Newtown" is sold with the distinct understanding that it will give you the service you have a right to expect from a high-class product.

No. 7.	350 newly hatched chicks (shipping weight 140 lbs.)	\$26.50
No. 11.	500 newly hatched chicks (shipping weight 195 lbs.)	34.50
No. 12.	1000 newly hatched chicks (shipping weight 280 lbs.)	42.80

Buckeye Blue Flame Brooder.

Buckeye Blue Flame Brooders are made in three sizes, to accommodate 200, 350 and 500 chicks.

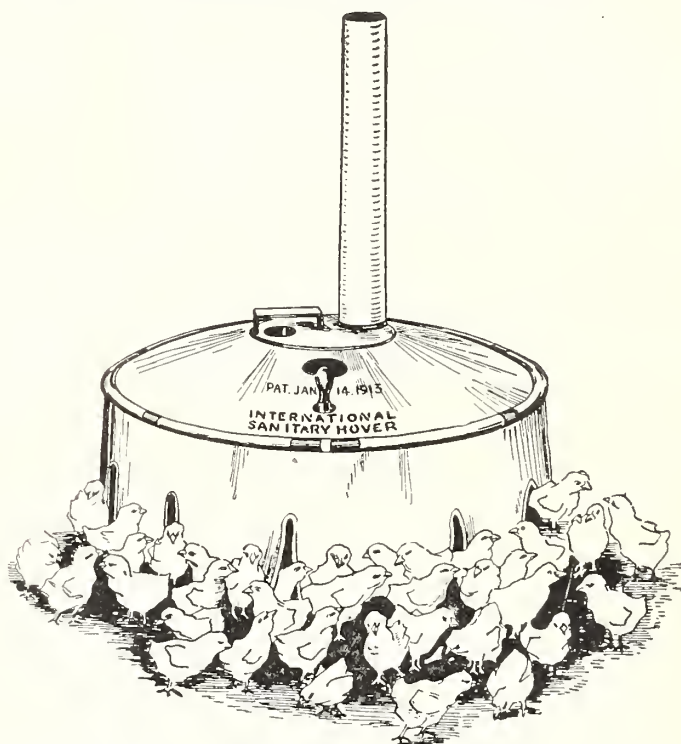
They can be operated with equally satisfactory results when they are not filled to capacity.

No. 27A.	Capacity up to 200 chicks	\$17.50
No. 80.	Capacity up to 350 chicks	19.00
No. 81.	Capacity up to 500 chicks	21.50

Newtown "Shur-Heat" Oil-Burning Brooder.

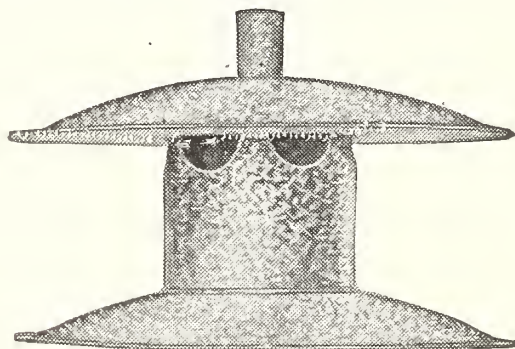
This brooder will provide plenty of heat in any kind of weather. Automatically regulated and will do all that a coal burner will do.

No. 88. Capacity 500 chickens. price, \$26.50.

International Sanitary Hover.

This Hover or brooder is known as the "One Perfect Brooding Device." For over ten years it has stood the big test of raising chicks successfully, and to-day retains the points that have made it the most popular brooder as well as the most successful.

The Sanitary Hover is a simple, safe, convenient and dependable oil-burning brooding device. It can be used anywhere that the chicks have protection from wind and rain. Warmest at the curtain, which means healthy chicks and no crowding. Capacity, 100 chicks; shipping weight, 25 lbs. Price, \$10.00.

Putnam Brooder Heater.

This heater used in the Putnam Home-made Brooder requires filling but once a week, and no further attention in the meantime. The construction of the brooder stove acts like an open fireplace, carrying the foul air out and drawing fresh air in. Capacity, 25 to 50 chicks. Price, \$4.75, postage paid.

Incubator and Brooder Supplies.

Incubator Lamp Bowls, \$1.00 each.
Incubator Moisture Guide. Price, each, \$1.00.

Zero Brooder Lamps, \$1.75 complete.

Burners, No. 2, sun hinge, 1-in. wick, 60c.

Burners, No. 32, sun hinge, 1-in. wick, 75c.

Burners, No. 30, sun hinge, 1½-in. wick, 75c.

Burners, Skirt, No. 2B, for Zero Lamp, 1-in. wick, 50c.

Burners, Buckeye, Gas, with chimney, for incubators or brooders, \$2.00 (2 lbs.).

Lamp Wicks, ½-in., for fount heaters, 3 for 5c.

Lamp Wicks, 1-in., 2 for 5c.

Lamp Wicks, 1½-in., 2 for 5c.

Thermometers, No. 5775, "Tycos," Incubator, hanging, 75c.

Thermometers, No. 5770, "Tycos," Incubator, standing, 75c.

Thermometers, No. 3162, Buckeye Incubator, 75c.

Thermometers, No. 5794, Brooder, 75c.

Thermometers, No. 120, standing, 90c.

Thermometers, Hanging Incubator, with electric light, \$1.00.

Thermometers, International Hover, 75c.

Wicks, Buckeye Oil Brooder No. 27A, 50c.

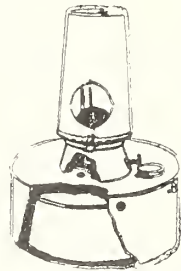
Wicks, Buckeye Oil Brooder, Nos. 80 and 81, 75c.

Wicks, Newtown Oil Brooder, No. 331, 50c.

X-Ray Egg Tester, to use on lamp, 50c. (½-lb.).

Buckeye Egg Tester, 50c.

Waterproof Sheeting, one yard wide, 25c. yard.



ZERO LAMP

Tanks for Buckeye Incubators.

We do not stock these, as the manufacturer requires specifications of the machine to be repaired. We can supply blank diagram used for this purpose.

Shipping Coops.

These coops are standard sizes. Light, strong and neat.

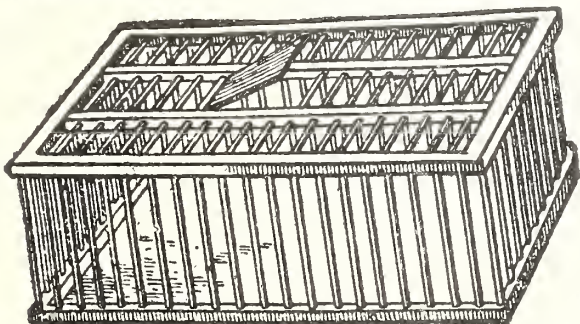
1-Bird Size—20 x 12 x 22 high. \$12.35 doz.; \$1.05 ea.

2-Bird Size—23 x 12 x 22 high. \$13.85 doz.; \$1.20 ea.

5-Bird Size—24 x 20 x 22 high. \$20.30 doz.; \$1.70 ea.

Weight, 10, 12 and 15 lbs.

Hickory Rod Shipping Crate.

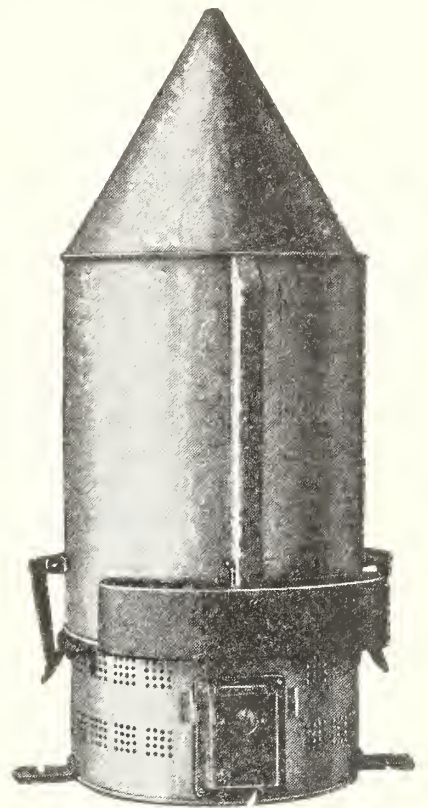


Light, strong and durable. Made of hickory rods with poplar frames and bottom, solid side spring door that can be sealed against theft in transit. Broilers cannot get out of this coop between the rods. Capacity, 12 to 15 fowls. Dimensions 14" x 24" x 36". Weight, 15 to 18 lbs. Price, \$1.85 each; \$21.00 per dozen.

Norwich Automatic Air-Lock Fountain.

The improvements made on this fountain for safety are endorsed by the Fire Underwriters' Laboratories. Used with a No. 3 Automatic Feeder, a flock of 20 fowls need no further attention for a week. Weight 17 pounds.

Prices: Large size complete, 5 gallons, \$6.00; without burner base, \$3.50.



Norwich Chick Feeder.



WITH RAIN-TOP

The body of the Norwich Chick Feeder is of galvanized steel with ends riveted and burred to malleable iron brackets. The guard rod is removable to facilitate in filling and for thorough cleaning where sour milk is used. Where chick feed or mash is used cleaning is unnecessary, as the feeder is always clean.

Price List.

With Rain Top, 3 lbs.	\$1.00
Without Rain Top, 2 lbs. ....	.75

Pure Norwegian Cod Liver Oil.

Physiologically Double Tested.

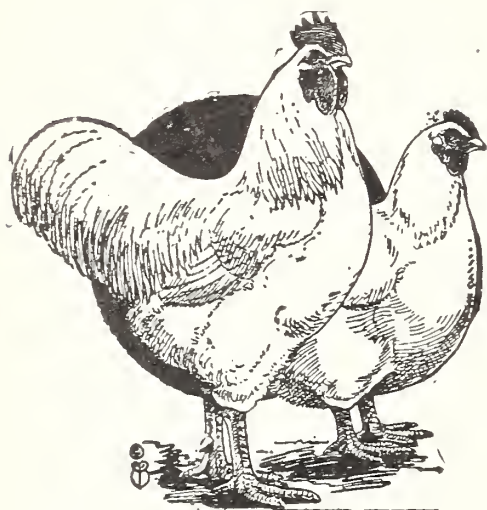
Distinguishing Features.

1. Exceedingly rich in Vitamins "A" and "D".
2. It is tested on living animals and rachitic baby chicks to meet specifically the requirements of the poultry and stock-raising industries.
3. It is the original and only Double Tested Oil on the market, having a known Vitamin "A" and "D" potency.
4. It is the purest medicinal double standardized vitalizing agent obtainable. Standardized on inbred white rats, for its Vitamin "A" potency and on rachitic baby chicks for its Vitamin "D" potency.

Price: \$2.50 per gal.; 5-gal. can, \$10.45. Prices in larger quantities upon application.

PLATT'S POULTRY FEEDS.

There is to-day no subject of more vital importance to poultry-keepers than how to get the maximum number of eggs from their flocks, and how to raise baby chicks properly.



Platco Dry Mash and Scratch Feed.

Platco Laying and Growing Mash is a mixture compounded from the formula recommended by the Cornell Poultry Experiment Station. Several years ago we tested a flock of pullets with this mixture for one year, and the results were such that we immediately started manufacturing it. It has given marvelous results as a Growing Food, owing to its high protein content.

Platco Scratch Feed is composed of the highest quality of clean, sound grain, mixed from formulas to balance our mash.

Protozyme, the Original Enzyme Digestant.

Being a combination of vegetable enzymes, Protozyme acts on both starch and protein. It increases the value of feed by aiding digestion. Tests and general use, under widely varied conditions, prove this conclusively.

Protozyme in the starting mash cut chick losses to 2%. Increased growth in young stock 20% in official New Jersey Experimental Station tests. Ask for pamphlet. Price: 3-lb. pkg., \$1.00; 10 lbs., \$3.00; 25 lbs., \$7.00; 100 lbs., \$25.00.

Conkey's Y-O.

This product is a combination of yeast and cod liver oil, for poultry and live stock. It is a free-running, coarse powder, which mixes easily with any poultry mash. Good for starting baby chicks, for developing birds and for laying fowls. Price: 1-lb. package, 65c.; 2-lb. package, \$1.15; 5-lb. package, \$2.50.

Yeast for Poultry, 5-lb package, \$2.50.

Platt's Pigeon Feed.

Corn, Whole.

Kaffir Corn.

Oats.

Alfalfa, Mealed.

Wheat, Red.

Beet Pulp.

Buckwheat.

Conkey's Buttermilk Starting Food.

Bran, Wheat.

Beef Scrap.

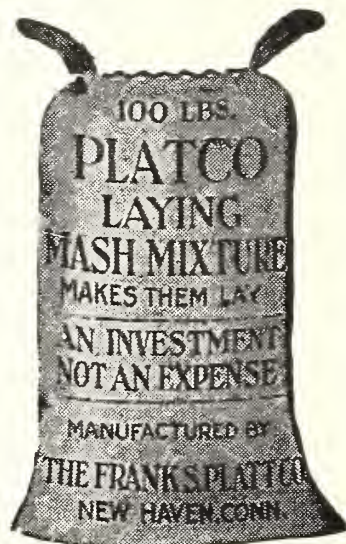
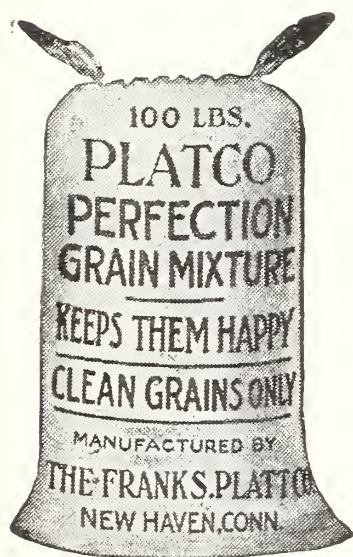
Clover, Short Cut.

Fish Scrap.

Bone Flour.

Bone, Granulated and Mealed.

Semi-Solid Buttermilk. Price upon application.



Grit.

A hard limestone in sizes No. 1 for turkeys, No. 2 for fowl, No. 3 for pigeons, No. 3½ for chicks.

Price: 10 lbs., 20c.; 100 lbs., 90c.

Conkey Buttermilk Starting Feed.



It makes the chicks strong and husky, able to resist diseases such as White Diarrhoea. We strongly recommend it.

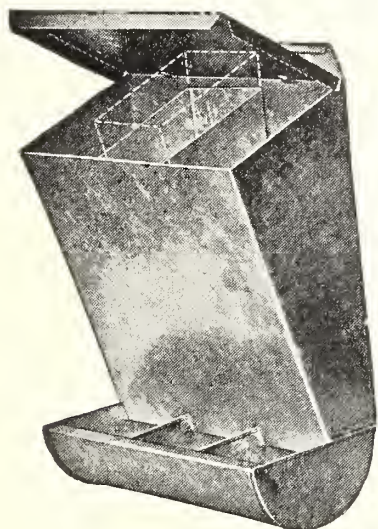
Charcoal.

Fine, Medium or Coarse, 2 lbs., 15c.; 5 lbs., 30c. Also 50-lb. bags.

Oyster Shells.

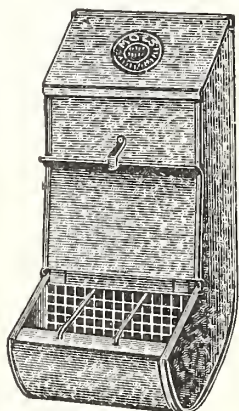
Comes in poultry and pigeon size; 100 lbs., \$1.30; 10 lbs., 25c.

OWING TO MARKET FLUCTUATIONS PRICES OF FEEDS ARE SUBJECT TO CHANGE.



Self-Feeding Boxes.

Three compartments, each holding about three pints, for grit, shell and charcoal. Shipping weight 5 lbs. Price: No. 1, \$0.95; No. 2, \$1.25.

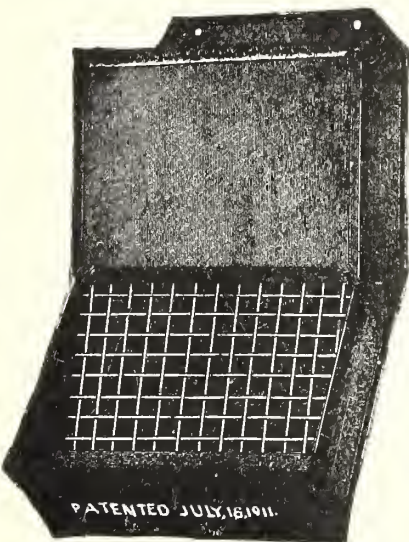


Favorite Dry Mash Hopper.

Has an adjustable grid for fine or coarse mash. The flange on each side and wires extending to grid prevents birds throwing feed sideways out of the hopper. Prices: No. 36, 12-in. (shipping weight 8 lbs.), \$1.75; No. 37, 24-in. (shipping weight 12 lbs.), \$2.80.

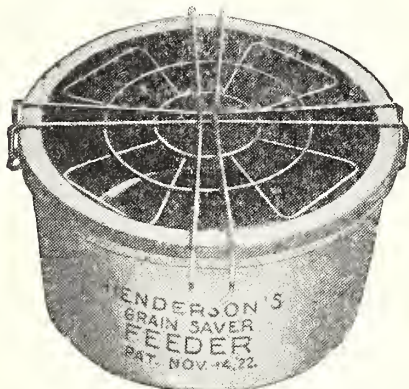
Sexton Dry Mash Hopper.

will save its cost in feed in one winter. This is a most economical hopper for feeding dry mash and keeping it sweet and clean. Price: No. 1, 12-in (shipping weight 9 lbs.), \$1.65 each. No. 5, 24-in. (shipping weight 13 lbs.), \$2.95 each.

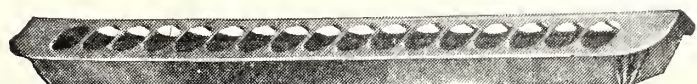


Stoneware Mash Feeder

Is made of stoneware with cross bars and grids so arranged that they cannot scatter the feed, is perfectly sanitary, just right for buttermilk, feed or water. Made up in 4-qt. and 6-qt. sizes, 65c. and 90c. each.



Royal Chick Feeder.



These troughs are made of 135-lb. charcoal tin, which is the best material that can be secured for a buttermilk trough. No. 312, length 12 in., 30c.; No. 318, length 18 in., 45c.

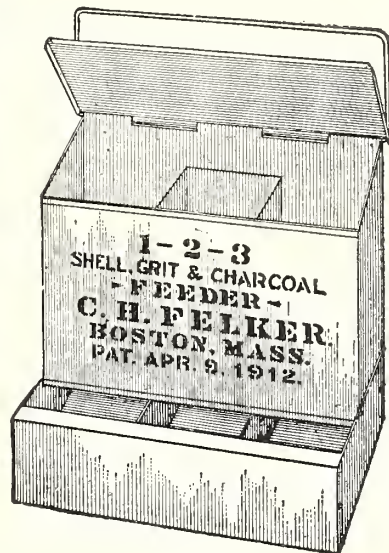


The Apaco Poultry Feeder.

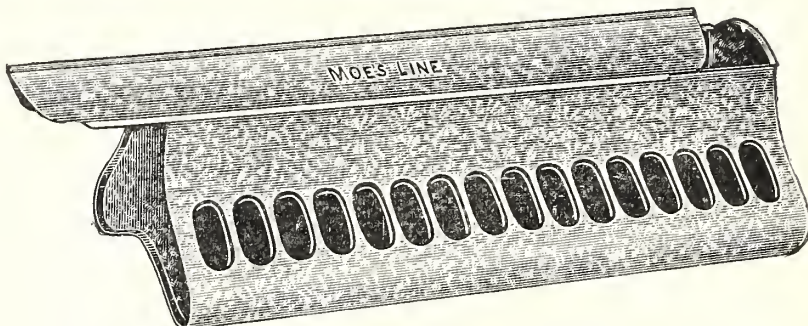
A dependable and practical machine, with the same adjusting valve for regulating the discharge that is on the Norwich Feeders. (5 lbs.) Price, \$2.00 each. May be sent by parcel post. Add postage.

1-2-3 Feeders.

Made in two sizes. Each has a movable partition, enabling you to give different dry feeds at a time. Small size (shipping weight 4 lbs.), 90c. each. Large size (shipping weight 7 lbs.), \$1.35 each.



No. One-Forty Feeder.



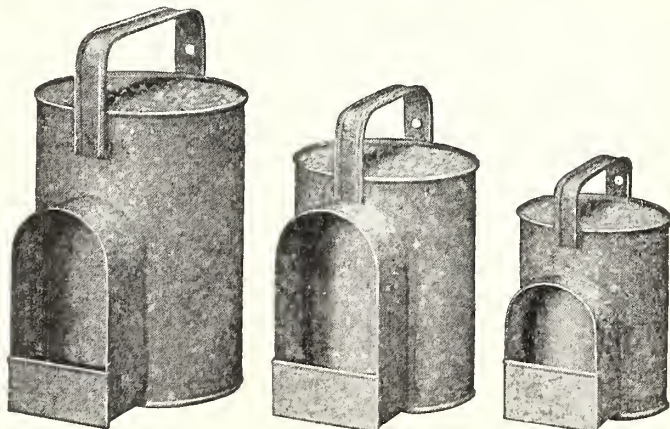
This is a large capacity feeder made to care for large or small flocks. Made of heavy galvanized iron, capacity 10 quarts. Price, \$1.20.

No. 141, capacity 17 quarts. Price, \$1.80.

Rabbit Feeders.

These are made of earthenware, glazed, and hold one quart. Price, 25c. each.

Wall Founts.



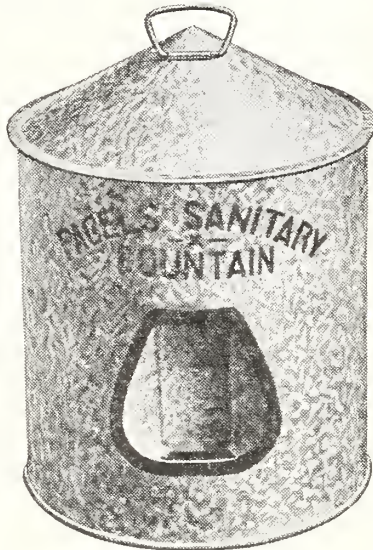
One of the most popular styles of drinking founts, convenient, sanitary and made from heavy galvanized iron. Price: 4-qt. (shipping weight 4 lbs.), 95c.; 8-qt. (shipping weight 5 lbs.), \$1.15.

Seamless Galvanized Cups.

Used for feed and water in exhibition coops. Price, medium size, 25c. each; large size, for pens, 30c. each. Shipping weight, 1 lb. each.

Thermo Fountain.

Keeps water warm in winter and cool in summer. It is similar in construction to the fireless cooker, being packed with a non-conducting material which retains the temperature of the water. There is no lamp to trim, and costs nothing to maintain. 15 lbs., 20 lbs. and 30 lbs. each. Price: 2-gal. size, \$3.50; 3-gal., \$4.00; 5-gal., \$5.00.



Little Putnam Stove.

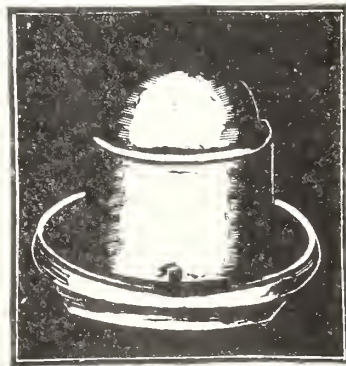
The Little Putnam Stove is used under the drinking vessel in the poultry house to keep the water from freezing during the winter months. It is also used as the heat element in the Putnam Home-made

Oat Sprouter. This stove is absolutely fire-safe and non-explosive. If it is tipped over it will go out. Price, galvanized, \$1.95 each, postpaid; aluminum, \$2.95 each.

Sanitary Stoneware Founts.

Thoroughly glazed inside and outside. Being made in two parts, they can be easily cleaned. Will never rust, but will keep water pure, clean and cool.

Price: 1-qt. (shipping weight 6 lbs.), 40c.; 2-qt. (shipping weight 8 lbs.), 50c.; 4-qt. (shipping weight 12 lbs.), 65c.



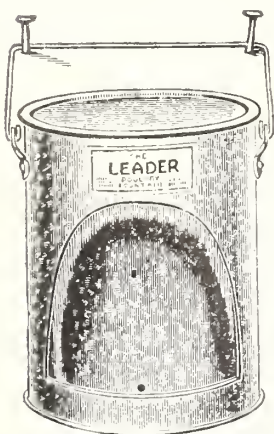
SANITARY TWO-PIECE

Leader Founts.

A new Sanitary Fountain. Easy to keep clean. Made of heavy galvanized iron in two pieces. The three-gallon size has two drinking spaces.

One and one-half gallon size, price, 85c.

Three gallon size, price \$1.50.

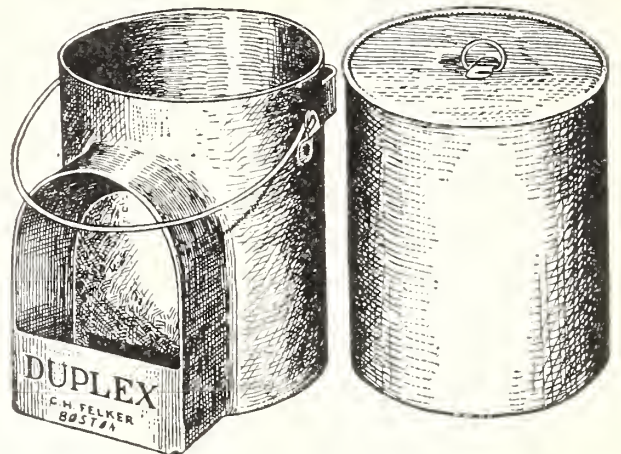


Peerless Founts.

Brooder size (shipping weight 2 lbs.), 35c. each.



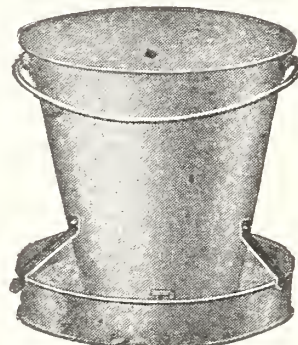
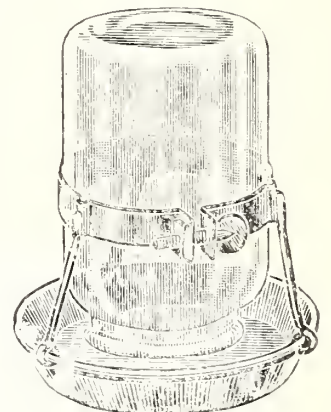
Duplex Fount.



Made in two parts. Quickly cleaned. Price: 1-gal. size (shipping weight 4 lbs.), \$1.15; 2-gal. size (shipping weight 5 lbs.), \$1.40; 2-gal. two pen, \$1.65; 5-gal. two openings, \$3.00; 5-gal. two pen, \$3.00.

Handy Feeder.

Will fit any fruit jar. The pan is made of aluminum, rust-proof and non-corroding. An ideal sour milk feeder. Price, 25c. each.



EVERETT.

The Everett Fountain.

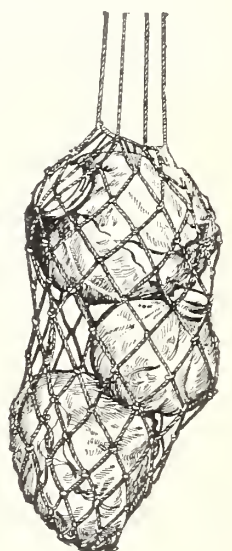
A fount that is easily cleaned. Made of heavy galvanized iron. Price \$1.45 each. Shipping weight 5 lbs.

Carter's

Green Food Feeder.

Here is a feeder for green vegetables that keeps them clean, sanitary and high enough off the floor so that fowls get exercise while they eat. Made of strong, soft fish-net twine.

Price 35c. each, postpaid; three for \$1.00.

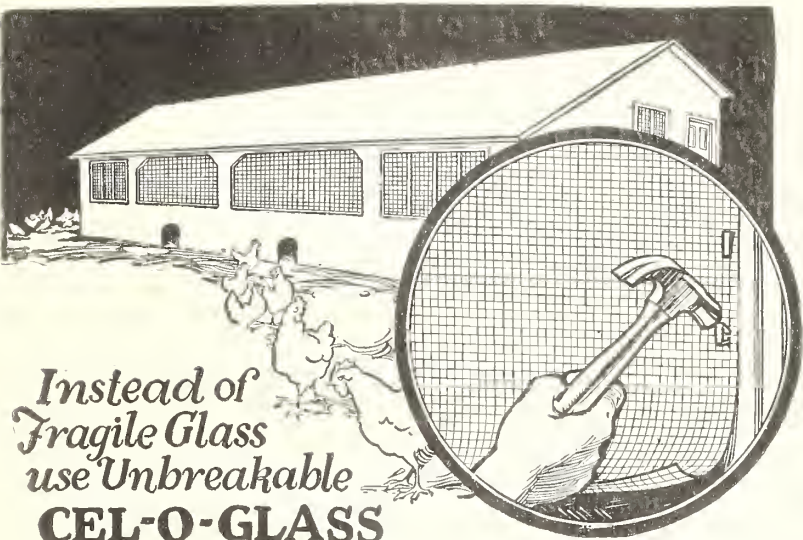


Economy Oat Sprouter.

Has five perforated pans, each 16 x 17 inches, and one drip pan at bottom. Price, \$7.00. 35 x 18 x 18 inches.

The Collins Sprouter.

Two sizes. Four and seven perforated pans and one drip pan 11 x 15 inches. Prices: Five pans, \$3.00; eight pans, \$4.00.



Instead of
Fragile Glass
use Unbreakable
CEL-O-GLASS

No more broken chicken house windows when you use CEL-O-GLASS. This material is far better than glass because it is very light in weight, weatherproof and coldproof and is absolutely unbreakable.

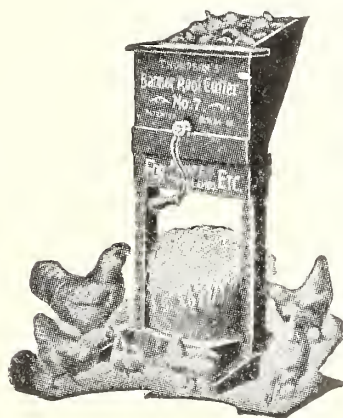
CEL-O-GLASS lets in practically as much light as clear glass. It spreads the light evenly so that there are no dark shadows anywhere. It breaks up the direct sun rays and diffuses the light, and for this reason variation in temperature is reduced to a minimum.

Full rolls are 100 lineal feet, 3 feet wide. Price, full rolls, 15c. per sq. ft.; less full rolls, 16c. per sq. ft. F.O.B. New Haven. Circular mailed upon request.

Glass Cloth.

Glass Cloth is a strong fabric treated by a patented process to make it transparent, weather-proof and water-proof. It costs much less than glass and for many purposes is superior. Anyone can put it up. It admits abundant light, which it diffuses and scatters to all parts of the enclosure. It comes in rolls 36 inches wide and any length.

Prices: 1 to 6 yds., 40c. yd.; 6 to 10 yds., 37½c. yd.; 10-yd. rolls, \$3.50; 15-yd. rolls, \$5.00; 100-yd. rolls, \$30.00. F.O.B. New Haven.



**Banner Root Cutter
No. 7.**

A machine made expressly for poultrymen. It quickly cuts the vegetables into long, round, ribbon-like slices that resemble a bunch of angle worms, which fowls readily eat up to the last morsel. This machine will pay for itself in a short time. Price, \$6.00 F. O. B. New Haven.

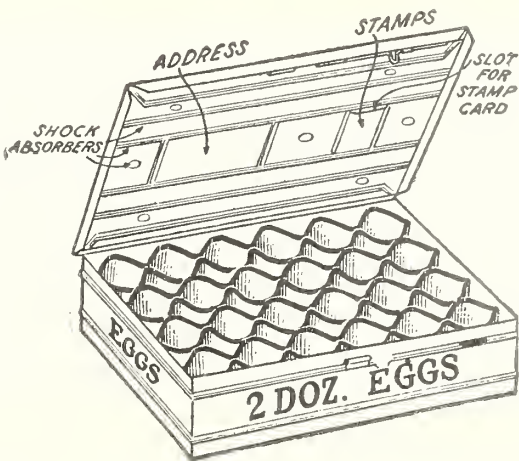
Parcel Post Egg Boxes

The maximum of lightness and great strength combined. Made of corrugated fibre boxboard.

	Price each.	Price per 10.	Price per 100.	Weight per doz.
1 doz	\$.13	\$1.15	\$10.65	8 lbs.
2 doz. . . . .	.20	1.75	16.25	10 lbs.
3 doz. . . . .	.22	1.90	17.75	14 lbs.
4 doz. . . . .	.33	2.85	26.60	18 lbs.
5 doz. . . . .	.36	3.10	29.05	21 lbs.

Include postage if to come by mail.

Metal Egg Crates.



Solve the problem of shipping eggs by parcel post. These have shock absorbers to give a cushion for the eggs.

18-egg size	\$1.25	Postage empty 9c.
24-egg size	1.50	Postage empty 9c.
36-egg size	1.75	Postage empty 10c.
48-egg size	2.00	Postage empty 11c.
72-egg size	2.50	Postage empty 12c.
108-egg size	3.25	Postage empty 14c.
144-egg size	4.00	Postage empty 16c.
180-egg size	4.75	

Include postage charges if to come by mail.

Egg Boxes and Chick Boxes.

Egg Boxes. For delivery to family trade; hold 1 dozen each. Convenient and economical. Price, 20c. per doz.; \$1.00 per 100, \$7.70 per 1,000.

Setting Egg Boxes. Made of corrugated paper, light but strong, and safe for mailing or expressing. Price, 15 eggs, 14c. each; \$1.18 per 10 (1 lb. each). 30 eggs, 20c. each; \$1.75 per 10 (2 lbs. each).

Shipping Chick Boxes. 25 chicks, 15c. each; 50 chicks, 22c. each; 100 chicks, 35c. each.

Water Glass Egg Preserver.

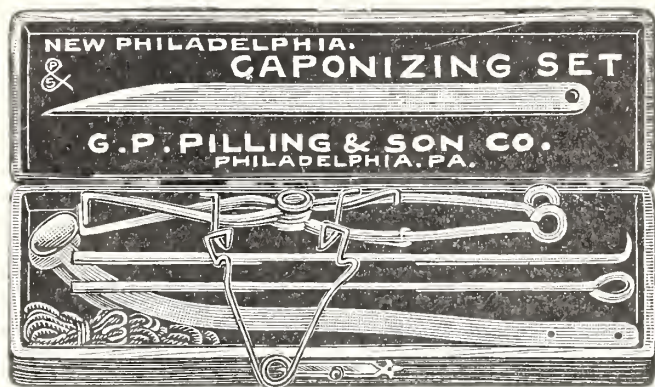
One-pt. can will preserve 10 doz. eggs. Price 20c.
One-qt. can will preserve 20 doz. eggs. Price 35c.
One-gal. can will preserve 80 doz. eggs. Price 90c.

Caponizing Sets.

Poultry keepers can double their profits by caponizing their young roosters. The operation is very simple, full directions accompanying each



set. Caponizing changes the disposition of the fowl. He becomes lazy and puts on flesh astonishingly fast, often weighing 10 to 15 pounds. The demand far exceeds the supply, even though the price of capon is double that of ordinary fowls.

Caponizing Sets—Continued.

Price: Philadelphia, \$2.75.
Pilling-Miles, in velvet-lined case, \$5.00.

French Poultry Killing Knife.

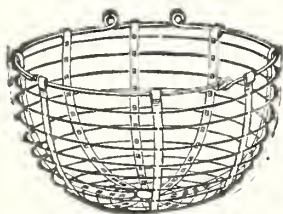
This is made of finely tempered steel, with nickled handle, and will last a life-time. Price, 50c. each.

Pilling's Angular Poultry Killer.

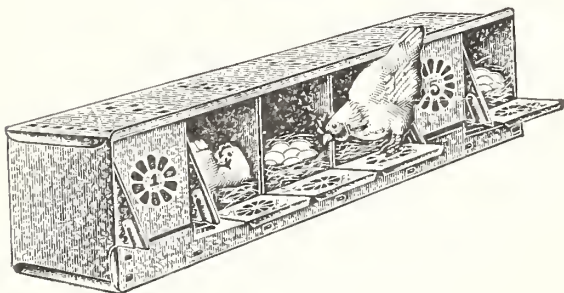
By simply a turn of the wrist the jugular vein is severed, bleeding the fowl and making dry picking easy. Price, 50c. each.

Pilling Milking Tubes.

Plated. 1½ and 4¼ inches long. Price, each, 40c.

Wire Nests.

These nests are strongly made from heavy coppered wire and will last a life-time. They are intended to be fastened to the wall with screws or screw hooks. There is no room on them for the lodgment of lice or vermin of any kind; they are easy to keep clean and are far superior to wooden boxes. Price, 30c. each; \$2.00 per dozen.

Knudson Nests.

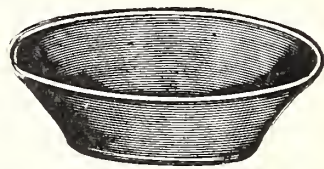
Made to hang on wall, galvanized iron, with swinging front doors. Complete two, three and six-nests in section. These nests are easily cleaned and are lice-proof, there being no hiding places for vermin. Price per two sections, \$2.25; per three-section, \$2.90; six-section, \$4.95.

Knudson Trap Nests.

A simple, cheap trap nest that can be depended on. Made of galvanized iron, one, two and three nests to section. Price: one-nest section, \$2.00; two-nest section, \$3.60; three-nest section, \$5.40.

Pigeon Nests.

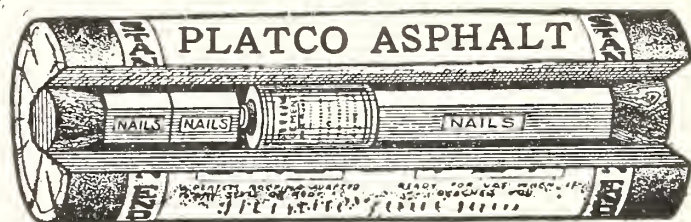
These nests are moulded from clay, and are heavy, so they cannot tip over. They make the best nests for pigeons.



Prices: Each, 25c.; per six, \$1.40; per dozen, \$2.75.

Platco Roofing.

Manufactured from long fibre wool felt, thoroughly saturated and coated with natural Asphaltum, this combination making one of the most reliable weather-proof and durable coverings on the market. Nails and cement come inside each roll without extra charge. A roll (or square) contains 108 square feet, and will lay 100 square feet.



1-ply, 2-ply, 3-ply (fire-proof). Prices on application.

Five per cent Cash Discount on Ten Rolls Asphalt Roofing.

Poultry Netting.

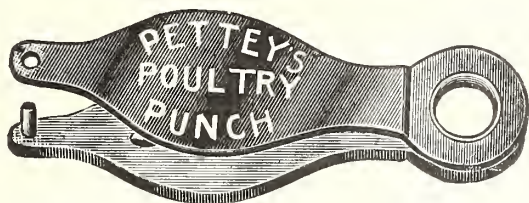
One or two-inch mesh, one foot to six feet high. Prices are the lowest when quality is considered. Will last twenty-five years under ordinary exposure. Prices quoted on application.

Double Clinch Bands.

No tools required to put on these bands. They fasten with two clinches. There are no exposed corners, ends or loops. They are the best open band on the market. They are numbered consecutively. Sold in packages of 12, 25, 50 or 100 bands each; size 2 for leghorns, size 3 for Rhode Island Reds, etc.; pigeon size same price. Prepaid, by mail or express. 12 for 15c.; 25 for 25c.; 50 for 40c.; 100 for 75c.; 250 for \$2.00; 500 for \$3.50; 1,000 for \$6.50.

Spiralet Leg Bands.

On and off like a key-ring. Ten different colors, with which you can make three hundred and twenty combinations. Several sizes. Price per doz., 15c.; per 25, 25c.; per 50, 40c.; per 100, 75c.; per 500, \$3.50; per 1,000, \$6.50.

Petty Chick Punch.

Is just right for the vest pocket. Nickel plated. Price, 25c., postpaid.

China Nest Eggs.

Price 30c. per doz.

Napthalene Nest Eggs.

Price 5c. each; 50c. doz.

Lice Dusting Guns.

1-oz. size, 15c.;
2-oz. size, 30c.

Lowell Dusters.

Holds 1 qt. powder, 75c.

Rat Corn.

50c. and \$1.00 sizes. Postpaid.

RAT CORN

It mummifies the rodents, eliminating all nauseous odors.

Holdzem Rat Catcher.

This will do just what the name implies (hold them). It is a stick substance applied to a board, and when the rat or mouse steps on this board, they are unable to withdraw their foot. Non-inflammable and non-poisonous. Price per 2 lbs., \$4.00.

Australian Rat Destroyer.

Price \$1.00 per can, postpaid.

A safe, sane and sanitary solution of the rat pest.

Common Sense Rat Exterminator.

Destroys rats under all conditions. This is the best of the phosphorous paste compounds. Two sizes, 25c. and 50c.

**Pratt's Poultry Regulator.**

This half-century-old preparation is still unapproached for keeping poultry robust, and for producing the necessary poultry health which means lots of eggs. It regulates the bowels and digestive organs of all fowls and enriches the blood, this bringing about a condition of sound health, which resists disease, prevents unnatural habits, such as egg-eating.

Price: 24-oz. package, 25c.; 4-lb. package, 50c.; 12-lb. package, \$1.40; 25-lb. pail, \$3.00 each.

Pratt's Animal Regulator.

Prices: 3-lb. package, 50c.

Conkey's Poultry Tonic

Is a medicine of quality, and can be used every day in the year. It acts as a tonic and appetizer, aids digestion and assimilation of the food, promoting egg production and general health and vigor.

Price: 24-oz. package, 25c.; 3¼-lb. package, 50c.; 12-lb. pail, \$1.60; 25-lb. pail, \$3.00.

**Dr. Hess Poultry Panacea.**

Aids digestion, makes poultry healthy, helps hens lay more eggs. Helps to fatten poultry for market rapidly and cheaply, and helps chicks reach maturity strong and healthy, cures poultry ailments; has been tested and tested for over nineteen years by farmers and poultrymen from coast to coast. Price: 1½-lb. package, 25c.; 5-lb. package, 75c.; 12-lb. package, \$1.50.

Conkey's Remedies.

Roup Powder, 25c., 50c., \$1.00; 1½ lbs., \$2.35; 5 lbs., \$5.50. Roup Pills, 25c., 50c., \$1.00. Cholera, 25c., 50c. Gape, 25c., 50c. White Diarrhoea, 25c., 50c. Bronchitis, 50c. Chicken Pox, 25c. Scaly Leg, 25c., 50c. Limber Neck, 50c. Poultry Tonic, 25c. Laxative, 25c. Rheumatism, 50c. Worm Remedy, 50c. Canker Special, 50c.

**Roto Salt Cakes for Pigeons.**

25c. per cake.

"Gold Leaf" Tobacco Powder.

Controls poultry round worms. Recommended by a number of State Experiment Stations.

Price: 2-lb. package, 25c.; 10-lb. package, \$1.15; 100 lbs. in a burlap bag, \$6.00.



Dr. Hess Roup Cure.

Four-ounce can, 25c.

Lee's Germozone.

Roup, Canker, Swelled Head, Cold, Cholera, Bowel Complaint, etc., yield readily to treatment with Germozone. Especially valuable for little chicks. Put up in liquid form or tablets.

Price: 12-oz. bottle, 75c.; package of 75 tablets, 65c.; package 200 tablets, \$1.25. Tablets by mail, same price.

Smith's Roup Extractor.

Used in advanced cases of roup. Price, 50c. per 3-oz. bottle; 8-oz. bottle, \$1.00.



Smith's Roup Cure.

Is guaranteed and costs only 25c. and 50c. per box.

Smith's Germicide.

Four-oz. bottle, 35c.; 12-oz. bottle, 65c.

Pratt's White Diarrhoea Remedy.

Package, 25c. Guaranteed.

Smith's Chicken Pox Remedy.

A positive cure, 30c.

Sodium Hypochloride.



B-K is a powerful germ destroyer and deodorant. It is clear, colorless and non-poisonous. No disagreeable odor is left after use, yet it has ten times the germ killing power of pure carbolic acid. It instantly destroys the germs that cause disease, also odors, and prevents infection.

B-K is safe to use. It is easy to apply. It is economical.

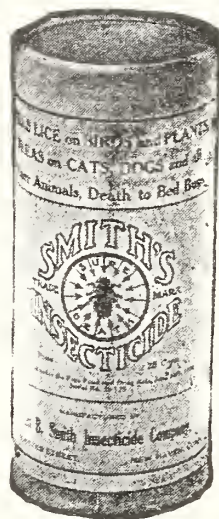
Price: 10-oz. bottle, 60c.; 1-qt. bottle, \$1.25; 1 gal., \$3.00; 5 gals., \$12.50.

EGG-O-LATUM egg preserver will keep eggs fresh for one year. A 50c. jar enough to put down fifty dozen eggs.

EGG-O-HATCH is a powder to be dissolved in water and applied to hatching eggs. This preparation is a wonderful aid in helping chicks out of the shell. Fifty-cent size sufficient for 600 to 700 eggs.

Dr. Hess Instant Louse Killer.

Lice simply cannot exist where this powder is properly used, either on poultry or live stock of all kinds. Price, 1-lb. pkg., 25c.; 2½-lb. pkg., 50c.



Smith's Insecticide.

Smith's preparation for this purpose is a standard, reliable article, well known and used by poultrymen the country over. Smith's can be used as an insecticide for bugs on bushes or vines, vegetables, plants, etc. Setting hens, well dusted twice during incubation, will not leave their nests on account of lice. If your hens are near your stable, sprinkle the horse brush with "Insecticide" before using and your horse will be safe. Price: 5-oz. pkg., 15c.; 15-oz. pkg., 25c.; 38-oz. pkg., 50c.; 76-oz. pkg., \$1.00.

Smith's Flea Powder.

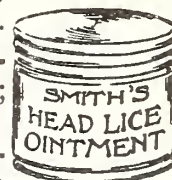
A high-grade powder, light in color, that will free dogs or cats from fleas and lice. Price, 2½-oz. can, 25c.; 6 oz. can, 50c.

Head Lice Ointment.

The only practical method of exterminating the head lice. Powders have no effect on this specie, the largest blood-sucking louse that infest poultry.

Conkey's Lice Ointment. 1-oz. tubes, 10c.; 3-oz. tubes, 25c.

Smith's Lice Ointment, in screw-cap glass jar, 25c.



Sulphur Candles.

An easy, effective way to fumigate rooms or poultry houses. Easy to light. Water pans furnished with each candle. Price: Each, 10c.; per doz., \$1.10.

Lee's Lice Killer.

Is a liquid preparation for destroying insects on chickens, hogs and other stock. It was especially designed for killing lice and mites on chickens and hogs without the necessity of handling, dipping, dusting or greasing fowls or animals. Price of Lee's Liquid Killer: 1 qt., 60c.; 2 qts., 90c.; 1 gal., \$1.50.

Sturtevant Lice Paint.

Very effective for lice and vermin, also a disinfectant. Price: one quart, 60c.; one gallon, \$1.50.

Carbolineum.

Completely exterminates all lice and mites, also the best wood preserver. Rats or mice never gnaw wood painted with Carbolineum. Price: \$1.75 per gallon.

Dr. Hess Dip and Disinfectant.

For scab, mange, lice on sheep, fleas and all parasites, skin diseases of horses, cattle, sheep, hogs, dogs and poultry. Prices: 12-oz., 40c.; 1 quart, 65c.; 1 gallon, \$1.75.

THE KENNEL FOOD SUPPLY Co.

DOG FOODS



"The Food Will Tell"

K. F. S. Bread, with meat; large cakes. Price: 2 lbs., 25c.; 25 lbs., \$2.15; 50 lbs., \$4.00; 100 lbs., \$7.50.

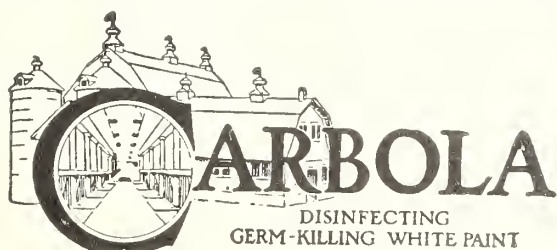
Austin's Puppy Cakes. Cartons, 15c. each.

Cera-Meato. Price, 2 lbs., 25c.; 100 lbs., \$7.50.

Canned Meat. Can, 2½ lbs., 40c.; 3 cans, \$1.15.

Cat Food. Per package, 15c.

Bennett's Milk Bone Dog and Puppy Food.



Use It Instead of Whitewash.

A snow-white mineral paint in powder form, ready to be put on with brush or sprayer as soon as mixed with cold water. Contains the world's most powerful germicide—twenty times stronger than pure carbolic acid. Harmless to man or beast, but will instantly destroy lice, mites, nits. Price: 10 lbs. (makes 10 gallons), \$1.25; 20 lbs. (makes 20 gallons), \$2.50; 50 lbs. (makes 50 gallons), \$5.00.

Columbia Fly Killer.

Don't let your cows and horses suffer all summer long. Fly Killer will keep them away and make milking far more pleasant. Price: 1 qt., 60c.; 1 gallon, \$1.50.

Flyosan.

The Super Insecticide

that will draw roaches and ants out of every hole, crack or crevice before killing them, and NOT POISON FOOD.

It will kill bed-bugs, mosquitoes and bring moths out of clothes and closets. Price: 8-oz. can, 50c.; pints, 75c.; quarts, \$1.25; gallon, \$4.00.

Lime for Whitewashing.

Best quality, with directions on how to apply. Price, 15c. can; two cans, 25c.

American Squab Culture.

Cloth. \$2.00, postpaid.

A to Z of Pigeons.

Paper. 75c., postpaid.

American Standard of Perfection.

\$2.50 copy. Postpaid.

Bennett's Poultry Record and Expense Book.

Good for one year. 50c., postpaid.

Rabbit Culture and Standard.

Paper. 50c., postpaid.

Reliable Poultry Publishing Company's Books.

Plymouth Rocks. Price, \$1.00.

Orpingtons. Price, 75c.

Wyandottes. Price, \$1.00.

Rhode Island Reds. Price, 75c.

The Leghorns. Price, \$1.00.

Artificial Lighting. Price, \$1.50.

Poultry House Construction. Price, \$2.00.

Profitable Culling. Price, \$2.00.

Successful Poultry Keeping. Price, \$1.00.

How to Feed Poultry for Any Purpose. \$1.25.

Artificial Incubating and Brooding. Price, \$1.00.

The Chick Book. Price, 50c.

Fundamentals of Poultry Breeding. Price, \$2.00.

Poultry for Exhibition. Price, \$2.00.

Ducks and Geese. Price, \$2.50.

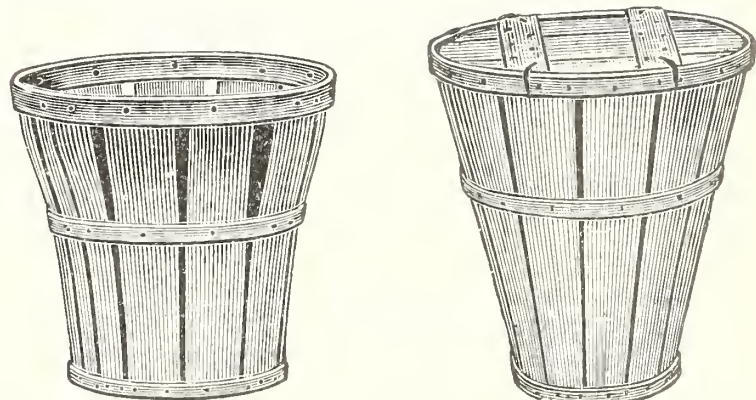
High Egg Production. Price, \$2.00.

The Asiatics. Price 50c.

Turkeys, 75c.

Baskets.

Special prices in lots of 1,000 on Peach, Strawberry and Pansy Baskets. As these are subject to market fluctuations, write for quotations.



Hamper, No. 20, 2-hoop, 18c. each; \$17.00 per 100.

Strawberry Baskets, 20c. doz.; \$1.25 per 100.

Peach Baskets, \$2.00 per 25; \$7.00 per 100.

Pansy Baskets, 2-qt., 30c. per doz.; \$2.25 per 100.

Till Baskets, 3-qt., 35c. per doz.; \$2.50 per 100c.

4-qt., 40c. per doz.; \$3.00 per 100.

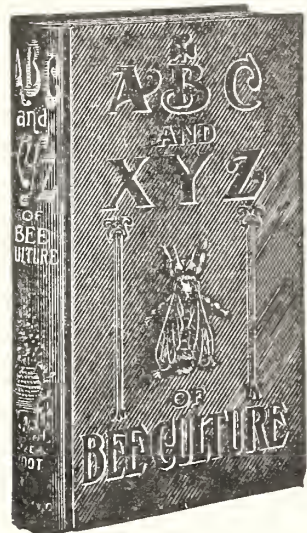
Diamond Market Baskets, 15c.

Special prices on large quantities.

Beekeepers' Supplies.

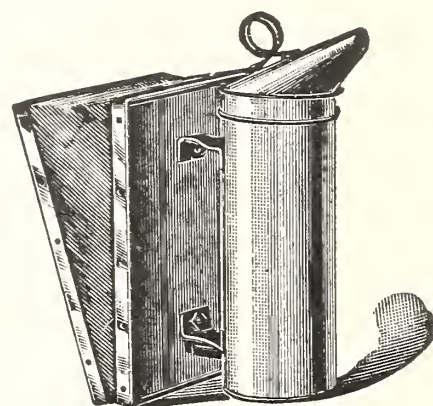
A COMPLETE CATALOGUE ON APPLICATION.

The margin on which these are now handled is so small—less than at any time we have represented the A. I. Root Co.—we have seriously considered dropping this line. The consequent inconvenience to our many patrons would be such that we believe our customers will be perfectly willing to pay freight charges, approximately 5 per cent, now paid by us, especially as these charges would have to be paid by them if ordering direct. The advantage of being able to get these when wanted is a consideration not to be overlooked. Consequently, we shall add the above amount to Root's listed prices on orders delivered from New Haven.



How to Start Out.

A very simple and inexpensive outfit is needed by the beginner in bee-keeping. Two or three hives—a colony or two of Italian bees—a comparatively new and more gentle strain than common American bees—two or three good books on bee culture, a veil, a smoker, lots of perseverance and a little practical and thoroughly understood knowledge gained, if possible, from watching others—then begin.

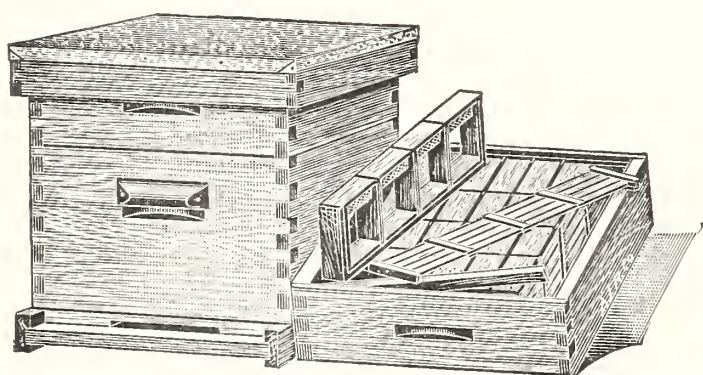


A. B. C. of Bee Culture.

Fabrikoid Cover, \$3.00.

Root Smokers.

Jumbo, 4-inch, \$1.40; postage by Parcel Post, 2 lbs., Standard, 3¼-inch, \$1.15; postage by Parcel Post, 2 lbs. Junior, 2½-inch, 90c.; postage by Parcel Post, 1½ lbs.



This is a cut of a modern bee hive with one super on and another alongside showing sections ready for bees to fill with honey.

This hive is the one most universally used by the largest honey-producers, as it is light and can be readily moved from one location to another. It is a strictly high-grade hive, being made of best selected lumber, perfectly milled and fitted together. It is complete in every detail, and very easily put together. Full directions furnished with each hive.

While this hive is made either in eight-frame or ten-frame size, we recommend the ten-frame. It consists of a bottom-board, double telescoping cover with metal cap and body or brood-chamber, with Hoffman frames. Nails and tin rabbets are included with all hives. Hand-hole cleats omitted unless ordered.

Wax foundations can be supplied in 1-lb. packages and larger.

Alexander Veils.

Price, 90c.

Bee Gloves.

Of heavy drilling. Price, 95c.

Wax Foundation.

Section Boxes, etc.



SPRAY CALENDAR

By permission of the Connecticut Agricultural Experiment Station at New Haven, we have reprinted here from their Bulletin 199 such information as is most frequently needed, and hope that it will be a handy reference. The damage done by insects in the United States to crops is enormous, and can be reduced considerably by proper spraying. When more detailed information is needed we suggest you write your experiment station. We will always be glad to give you the benefit of our experience.

FORMULAS FOR INSECTICIDES.

Lead Arsenate—Three lbs. (Paste) or $1\frac{1}{2}$ lbs. (Dry) Lead Arsenate, 50 gals. water. Spray upon foliage to kill all chewing insects. May be used with Bordeaux or with lime-sulphur mixture.

Poisoned Bran Mash—Five lbs. wheat bran, 4 oz. white arsenic or Paris green, 1 pt. molasses, 1 lemon, 7 pts. water. Scatter around in field to kill cutworms, army worms and grasshoppers.

Commercial Lime-Sulphur—Winter spray, 1 part lime-sulphur, 9 parts water. Summer spray, $1\frac{1}{4}$ to $1\frac{1}{2}$ parts lime-sulphur, 45 to 50 parts water. Use winter spray for San José scale and peach leaf curl; summer spray for fungi, to which, as needed, add lead arsenate to kill chewing insects.

Nicotine Solution—One-half pt. in 50 gals. water. Several solutions are now sold containing 40% or more of nicotine. Excellent for killing aphids and other sucking insects. Add soap or a spreader when used alone, but not when used with lead arsenate or Bordeaux.

Self-Boiled Lime-Sulphur—Eight pounds fresh whitewash lime, 8 lbs. fine sulphur, 45 to 50 gals. water. Start the lime slacking, sift and thoroughly stir in the sulphur, using just enough water to prevent burning and allow to boil from heat of lime for fifteen minutes. Then dilute and apply.

Formalin, A.—One pt. (1 lb.) Formalin in 50 gals. water for sprinkling grain to kill smut. **B.**—One pt. Formalin in 30 gals. water, for soaking tubers to prevent potato scab.

INSECT AND FUNGUS PESTS OF CULTIVATED PLANTS.

Apple. Bud-moths, Case Bearers, Leaf Crumpler. Small-over-wintering caterpillars feed upon the unfolding leaves. Spray with lead arsenate as soon as leaf buds begin to open. Repeat a few days later if necessary.



Canker Worm.

Canker Worms. During May small looping caterpillars devour the leaves and spin down on threads when disturbed. Spray foliage with lead arsenate before blossoms open and again soon after they fall. In unsprayed orchards sticky tanglefoot bands should be placed around trunks of trees in October, and kept sticky until January 1st, and again kept sticky during April and May.

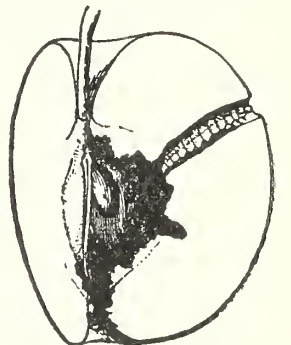


Tent Caterpillar.

Tent Caterpillar. During May the caterpillars form nests at the forks of branches, and devour the leaves. Clip off and burn egg masses on twigs in winter. Remove nests with caterpillar brush. Spray with lead arsenate once before the blossoms open and again soon after they fall.

Lesser Apple Worm. Larva feeds on exterior of nearly mature fruit and often causes injury in storage. Spray as for Codling Moth.

Codling Moth or Apple Worm. Pink caterpillar tunnels inside the fruit, especially around the core. Spray with lead arsenate as soon as blossoms fall. Repeat three or four weeks later. Keep foliage and fruit covered until fruit is nearly grown.



Codling Moth or Apple Worm.

Curculio. Grubs of both apple and plum curculios infest the fruit, making it gnarled and ill-shaped. Spray twice after blossoms fall, as for Codling Moth, and remove infested fruit in thinning.

Green Fruit Worms, Palmer Worm, Leaf Roller. Caterpillars all feed upon foliage and immature fruit. Spray with lead arsenate as for Codling Moth.

Tussock Moths. Tufted caterpillars of several species feed upon the leaves in mid-summer. Spray with lead arsenate, as for Codling Moth.

Maggot or Railroad Worm. Maggots tunnel through the pulp of the ripening fruit of sweet and sub-acid varieties, especially those ripening early in the season. Destroy all infested fruit.



Aphids on Leaf.

Leaf Hopper. Whitish insects sucking sap from underside the leaves. Spray with nicotine solution, as for Aphids.

Green and Rosy Aphids. Green aphids, suck sap from the leaves and ter-

minal shoots, causing leaves to curl and checking growth. Rosy aphids infest fruit clusters, checking development. Spray with nicotine solution ($\frac{1}{2}$ -pint in 50 gallons water) either separately or in combination with lead arsenate, lime-sulphur or Bordeaux mixture.

San Jose Scale. See Peach. Spray dormant trees with lime-sulphur or miscible oil.

Oyster-Shell Scale, Scurfy Scale. Scale insects with elongated or pear-shaped shells, on bark, suck sap from the twigs; the former about the same color as the bark, the latter light gray or whitish. Spray with nicotine solution, soap and water, or kerosene emulsion about the second week in June.

Scab. Produces "scabby spots" on fruit and leaves; rarely on twigs. Spray the unfolding leaves before the blossoms open, again after the petals fall and follow with a third spraying about four weeks later. For first treatment use strong Bordeaux, for second and third weak Bordeaux or lime-sulphur.

Sooty Blotch. Forms on fruit an olive-black superficial growth in distinct round colonies or often merging together. Spray with Bordeaux as for Scab. or with lime-sulphur, $1\frac{1}{2}$ to 50.

GENERAL TREATMENT FOR APPLE ORCHARDS.

For general control of fungi and insects on apples in Connecticut we make the following recommendations:

(1) Winter treatment (spraying dormant trees) is necessary only in the case of the presence of the San José scale, or leaf blister mite, when commercial lime-sulphur, 1-9, or miscible oils, 1-15, may be used.

(2) As a rule three summer treatments with a fungicide are necessary to control the fungus diseases, and the last two of these should contain an insecticide. These sprayings should be made as follows: First, just before the blossoms open, on the young unfolding leaves (April 27th to May 10th, according to the season and variety); second, as soon as all the blossoms have fallen (May 10th to 30th); third, about one month later (usually June 10th to 25th).

(3) Where fungi are not prevalent, especially scab, the first summer treatment may be omitted. Occasionally, perhaps in alternate years, where fungi are quite inconspicuous, the fungicide may be entirely omitted, and only the two sprayings with lead arsenate for insects given.

(4) For fungicides we recommend Bordeaux mixture of the 4-4-50 strength for the first spraying and of the 1-4-50 for the second and third sprayings, or commercial lime-sulphur, used at a strength of $1\frac{1}{4}$ to $1\frac{1}{2}$ gallons per fifty gallons of water, for all three sprayings. The former has better fungicidal value, and the latter is less likely to produce spray injury, especially russetting of the fruit. Where fungi are prevalent the former might be used, while with varieties russetting badly, as Baldwin, the latter is likely to prove more satisfactory; or use strong Bordeaux for first spraying and lime-sulphur for second and third.

(5) For the insecticide in the above use lead arsenate; if in the paste form at the rate of three pounds per fifty gallons of the mixture, or if in the powder form, one and one-half pounds per fifty gallons.

(6) If canker worms, tent-caterpillars, bud moth or brown-tail moth are causing damage, add lead

arsenate to the first summer treatment, and if aphids are present nicotine solution should also be included. Nicotine solution may be added to any of the subsequent treatments to destroy aphids, red bugs, tarnished plant bugs, etc.

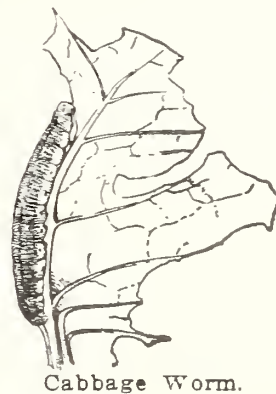
BEAN.

Green Clover Worm. Occasionally green, wriggling caterpillars riddle the leaves in June and July. Dust string beans with air-slacked lime or other fine powder. Spray shell beans with lead arsenate.

Weevils. Adults lay eggs in the pods in the field and continue to breed in the dried seed, finally rendering it unfit for food or for planting. Fumigate the seed with carbon disulphide, or heat in oven for one hour, between 120° and 150° F.

CABBAGE—CAULIFLOWER.

Cabbage Worm. Green worms feed upon leaves all through season. Spray unheaded plants with lead arsenate. Use insect powder or hellebore on headed plants.



Cabbage Worm.

Cabbage Lopper. Smooth looping caterpillars feed with cabbage worms late in summer, and require same treatment.

Cabbage Maggot. Infest stems of early-set plants near surface of ground, checking growth and often killing them. Practice crop rotation. Place hexagonal tarred paper discs around stems at setting time. Treat with carbolic acid emulsion.

Club Root. Causes knob-like enlargements on the roots of cabbage and allied plants. The germ often becomes established in the soil; when possible avoid such land and the use of refuse from old plants on the soil. Be especially careful that the seed bed is not infested. Infected land, if used, should be treated in the fall with lime broadcast at the rate of 80 bushels per acre, and worked in.

CELERY.

Celery Caterpillar. Feeds upon the leaves of celery, parsley, fennel, carrot and parsnip. On the latter two plants, lead arsenate may be used. On celery and parsley hand picking is perhaps the best remedy.

Leaf Blight and Leaf Spot are two diseases showing "rusty" spots on leaves and petioles; the latter trouble distinguished by the very minute black dots in the discolored spots, often progressing in stalks after storage. Spray the plants thoroughly in the seed bed with Bordeaux, as infected plants are often the means of introducing the trouble in the field. If necessary continue the spraying after transplanting at intervals of about two weeks, up to the middle of September. Before covering for bleaching, if leaf spot is abundant, dust with sulphur, and before final storage remove infected leaves and dust again.

CHERRY.

Cherry or Pear Slug. Larvae eat away the green tissue from upper side of leaf. Spray with lead arsenate or with hellebore.

CORN.

Corn Ear Worm. Eats the immature kernels at the end of the ear. Dust with equal parts sulphur and powdered lead arsenate.

CUCUMBERS.

Striped Cucumber Beetle. Attacks young plants, eating the leaves. Larvae infest the main root or stem under ground, often killing the plant. Dust leaves with dry lead arsenate. Cover plants with screens.

CURRENT.

Current Worm. Devours foliage in May. Spray with hellebore or lead arsenate soon as leaves unfold.

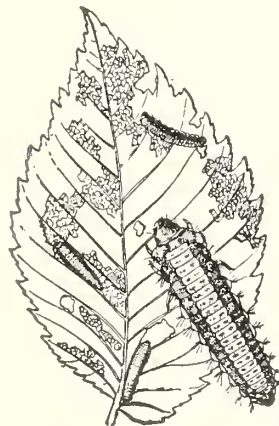
Current Borers. The larvae of two species of insects tunnel in the pith of the stems, causing the leaves to droop and wilt. Destroy infested canes during May.

Current Aphids. Yellowish-green aphids on under side of leaves, causing them to curl. Under-spray with nicotine solution or kerosene emulsion.

San Jose Scale. See Peach.

ELM.

Spiny Elm Caterpillar. Clusters of black spiny caterpillars often strip certain branches of elm, willow and poplar. Remove and destroy entire cluster, or spray with lead arsenate.



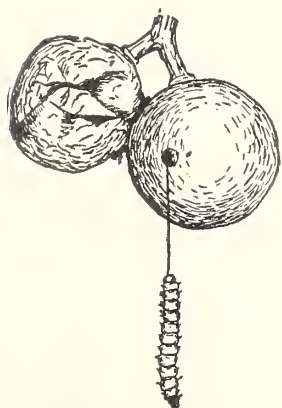
Larvae of Elm Leaf Beetle.

Elm Leaf Beetle. Adult beetles eat holes through the leaves in May, and in June and July the larvae or grubs eat away the green tissues from the under surface. Spray with lead arsenate early in May to kill egg-laying beetles, or spray under surface of leaves with same mixture about June 1st, to kill the larvae. Yellow pupae at base of trees may be killed with kerosene emulsion or soap and water.

Canker Worms. See Apple.

GRAPE.

Grape Plume Moth. Small, green, shiny caterpillars web together the newly-formed leaves at the tips of new shoots. Damage more apparent than real. Crushing by pinching these leaves is the best remedy.



Grape Berry Moth.

Grape Berry Moth. Larvae feeds and develops inside the berries, and this is the cause of most wormy grapes. Spray with lead arsenate soon after fruit sets, and repeat twice at intervals of about ten days. Bag the clusters soon after the fruit sets.

Sphinx and Other Caterpillars. Several species of horn worms, as well as other kinds of caterpillars, feed upon the leaves. Spray with lead arsenate or practice hand picking.

Grape Leaf-Hopper. Small yellow and red marked leaf-hoppers sucking sap from under side of leaves. Spray under surface with nicotine solution.

Black Rot. Causes reddish-brown spots on leaves; more rarely on stems; especially bad in rotting the berries, which finally become hard, shrunken and wrinkled black mummies. This is one of the worst diseases of the grape, and often difficult to control by spraying, which must be thorough, especially the first season. Begin spraying before blossoming time, about the last of May, with second application just after blossoming and subsequent sprayings at intervals of about ten to fourteen days. Use Bordeaux up to the last of July, and then change to the soda Bordeaux, or Amm. Sol. Cop. Carbonate, though usually the four or five sprayings with Bordeaux are sufficient.

HOLLYHOCK.

Rust. Appears as small, compact, reddish-brown outbreaks on leaves and stems. After their death in fall, cut off the plants close to the ground, carefully gather up these and any rubbish that may contain spores and destroy them. Spraying with Bordeaux is recommended by some as helpful in checking the rust; begin as plants push through the ground.

MAPLE.

Maple Borer. Larva tunnels in spiral course upward around trunk or larger branches of sugar maple, working in sapwood and cambium, often girdling the trees. Examine trees in September for sawdust. Find the burrow, inject carbon disulphide and plug the opening.

Woolly Maple Leaf Scale. Cottony or woolly masses of wax, containing the females, eggs and sometimes larvae, appear on the under side of the leaves in midsummer; insects suck out the sap, causing leaves to fall prematurely. Males and larvae enter crevices of bark of trunk and branches; larvae make cases here and pass the winter. Attacks only sugar maples. Spray dormant trees with nicotine solution and soap. Burn all infested leaves.

Cottony Maple Scale. Large, oval, brown, soft scales on bark of branches of silver and red maples. Each scale in early summer develops a large cotton-like tuft of wax nearly half an inch long, and soon after the young appear. Spray with miscible oils when dormant.

MUSK MELON.

Melon Aphid. Sucks the sap from the under side of the leaves and, when abundant, causes much damage. Under-spray the leaves with nicotine solution.

Striped Cucumber Beetle. See Cucumber.

NASTURTIUM.

Aphid. Brown aphids cluster on stems and leaves, sucking the sap. Spray with nicotine solution.

ONION.

Trips or "White Blast." Very small insects which feed upon the surface of the leaves, giving the field a whitish appearance. Burn all tops and refuse; burn over the grass land around the field to kill over-wintering insects. Spray with nicotine solution or kerosene emulsion.

PEA.

Green Pea Aphid. Attacks the plants early in June and sucks the sap from the leaves and stems, often causing great injury. Early peas may mature a crop before aphids injure them. Spray vines with nicotine solution and soap. Brush the vines just before cultivating.

PEACH.

Peach Saw Fly. Larvae feed upon leaves in June and July. Spray with lead arsenate.

Peach Borer. Larvae tunnels in the base of the trunk. Dig out in late fall and early spring. Paint base of trunk with lead arsenate and lime sulphur.

Fruit Bark Beetle or Shot Hole Borer. Makes minute tunnels under the bark of branches and trunk. Burn infested trees and keep others thrifty.

Plum Curculio. See Plum.

San Jose Scale. Minute scale insects, with circular shell, which suck the sap from twigs, fruit and leaves. On fruit a red spot surrounds each insect. Spray dormant trees with lime-sulphur.

Black and Green Aphids. Suck the sap from the leaves and shoots. Spray with nicotine solution.

Brown Rot. Occurs on the young twigs, etc., but causes most serious injury to the fruit, rotting it at the time of its maturity. The rotten areas usually become covered with numerous pustules of dusty brownish spores; eventually the diseased fruit form hard mummies. These carry the fungus over the winter, and if half buried in the soil develop in early spring the mature stage, which causes infection of the blossoms, etc. Certain early varieties, like the Champion, are especially subject to rot. Spraying these apparently pays in this state. See general directions for treatment. This fungus occurs on plums and cherries and less commonly on pears and apples.

Leaf Curl. Causes young leaves to become irregularly curled and swollen, and finally to drop off; rarely on the fruit. In April, as soon as the buds begin to swell, spray the trees thoroughly with commercial lime-sulphur, 1-9. If more convenient this may be done in late fall, and is claimed to be just as effective. Same treatment takes care of San Jose scale.

General Treatment for Peach Orchards.

(1) Spraying of peaches while dormant is of value only in checking San Jose scale, mites and leaf curl. One application of commercial lime-sulphur, 1-9, either in late fall or early spring, will take care of all these troubles at the same time. If the scale and the leaf curl are unusually prevalent both applications will prove of value in controlling them.

(2) For the prevention of scab and rot of peaches it is, as a rule, desirable to give three sprayings, as follows: First, shortly after the blossoms have fallen (May 15th to May 25th); second, about three or four weeks later (June 5th to June 15th); and, third, about one month later (July 5th to July 15th). If only two sprayings can be given, omit the first if spraying only for rot, and the last if spraying for scab.

(3) On the whole, self-boiled lime-sulphur of the 8-8-50 formula seems to be the safest and most reliable spray. Fair results have been obtained with some of the commercial lime-sulphur, and they are much more easily handled. There is, however, some danger of spray injury, especially with certain brands. If commercial lime-sulphur is used, a strength of not greater than 1-150, without poison, is recommended. Atomic sulphur and sulphur paste have given good results.

(4) As lead arsenate has done little to prevent curculio injury, and as it seems to increase the danger of spray injury, we advise leaving it out unless there is considerable danger of saw-fly injury, when it can be added in the second spraying, the same as for apples.

PEAR.

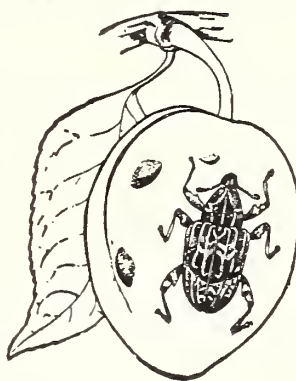
San Jose Scale. See Peach.

Pear Psylla. Small jumping plant lice, suck sap from leaves and twigs, causing leaves to fall in midsummer. Spray with lime-sulphur in spring just before buds open. Spray infested trees with nicotine solution in July.

Scab. Forms olive-black scabby spots on fruit and leaves, often causing the former to become distorted and cracked. The fungus lives over winter on the twigs. Certain varieties are not much injured; others, like Flemish Beauty, are very susceptible. Spray with Bordeaux on unfolding leaves before blossoms open, again after petals fall, and give the third spraying about two weeks later, using weak Bordeaux in last two treatments.

PLUM.

Plum Aphids. Suck sap from the leaves. Spray with kerosene emulsion, nicotine solution or soap and water.



Plum Curculio.

Plum Curculio. Grub infests the growing fruit, causing it to fall. Jar the trees each morning for six weeks after blossoming and catch the beetles on sheets and destroy them. Spraying with lead arsenate during the same period is also advised.

Brown Rot. Thin fruit so it does not touch. Gather and destroy all mummies after harvest. Rather difficult to control by spraying, as spray does not readily adhere to the smooth fruit. First treatment with self-boiled lime-sulphur should be made on half-grown fruit, second 14 days later, and last 10 to 14 days before picking.

POTATO.

Flea Beetle. Small black jumping beetles eat holes through the leaves. Spray heavily both upper and under surfaces with lead arsenate.

Colorado Beetle. Adults and larvae devour the leaves. Spray with lead arsenate as soon as injury apparent. May be used in Bordeaux mixture.



Potato Beetle.

Three-Lined Potato Beetle. Larvae feed upon the leaves and carry their black excrement on their backs. Spray with lead arsenate.

Stalk Borer. Larvae tunnels inside the stalk. Burn infested vines.

Potato Aphid. Green aphids appearing in large numbers suck the sap from shoots and stems, causing much damage in 1917 and 1918. Spray with nicotine solution.

Blight or Downy Mildew. Causes a sudden blackening of the leaves, and often death to the vines, from July to September, in moist seasons; usually shows a slight whitish growth of fungus on the under side of leaves; rots tubers. Spray with Bordeaux before the trouble appears about July 1st, and keep vines well covered to the end of the season. Three to five sprayings by hand or five to seven by power sprayer are necessary. After last cultivation thoroughly ridge up the rows to help keep the spores from washing down to the tubers. Early varieties often escape blight by maturing before its appearance.

Scab. Produces the common scabby appearance on surface of tubers. Soak seed tubers one and one-half hours in formalin (formula B). Formalin fumes are often used when large quantities are treated. Care in filling space sufficiently, however, is necessary to avoid injury by "pitting" from absorption of fumes. Avoid planting on infected land by systematic rotation. The use of lime, wood ashes, and various barnyard manures will increase the amount of scab. The same trouble occurs on beets and turnips.

ROSE.

Rose Slug. Eats away the green portions of the leaves. Spray with hellebore, lead arsenate or nicotine solution.

Aphid or Green Fly. Suck sap from the leaves and stems. Spray with nicotine solution.

Mildew. Develops a white powdery or cobweb-like growth on the young leaves, which become more or less distorted and fall off. Tea roses especially susceptible. Treat same as for leaf blotch; or dust flowers of sulphur over the leaves; be careful in airing greenhouses.

SQUASH—PUMPKIN.

Squash Lady-Beetle. Both adults and larvae devour the leaves. Spray with lead arsenate.

Striped Cucumber Beetle. See Cucumber.

Squash Bug or "Stink Bug." A brown bug three-fourths of an inch long sucks the sap from the under side of the leaves, causing them to wilt and die. Spray with kerosene emulsion to kill the young. The old bugs may be trapped by placing boards or shingles on the ground, which should be visited each morning and the bugs killed.

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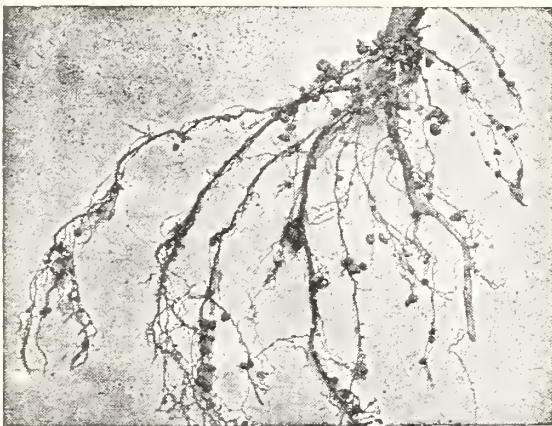
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THE NITROGEN QUESTION

Illustration shows nitrogen sacks on soy bean roots produced by inoculation. Inoculating Bacteria for legumes are pure cultures of virulent nitrogen-fixing germs, bred up through many generations, in the light of the best experience and the best laboratory practice in the world. They cause a more profuse inoculation of the legume and a more vigorous growth. They fix more nitrogen than the crop requires for a normal growth and bumper yield, and this nitrogen remains in the soil so that the crop that follows gets the benefit of it. This is prepared for Alfalfa, Peas, Beans, Clovers, Soy Beans, Cow Peas, Vetch, Canada Field Peas and all legumes. A special culture for each crop. Always state crop to be treated. For prices see page 37.

[illegible]

<i>Seeds or Plants Required for 100 Feet of Row.</i>			<i>Depth of Planting.</i>	<i>Seeds or Plants Required for 100 Feet of Row.</i>			<i>Depth of Planting.</i>
Asparagus, seed	1 ounce		1 to 2 in.	Leek	½ ounce		1 in.
Asparagus, plants	60 to 80 plants		3 to 5 in.	Lettuce	½ ounce		½ in.
Beans, bush	1 pint		1 to 2 in.	Melon, musk melon	½ ounce		1 in.
Beans, pole	½ pint		1 to 2 in.	Melon, watermelon	1 ounce		1 to 2 in.
Beets	1 ounce		1 in.	Mustard	¼ ounce		¼ in.
Brussels Sprouts	¼ ounce		½ in.	New Zealand Spinach	1 ounce		1 to 2 in.
Cabbage, early	¼ ounce		½ in.	Okra, or Gumbo	2 ounces		1 to 2 in.
Cabbage, late	¼ ounce		½ in.	Onion, seed	1 ounce		½ to 1 in.
Carrot	½ ounce		½ in.	Onion, sets	1 qt. of sets		1 to 2 in.
Cauliflower	¼ ounce		½ in.	Parsley	¼ ounce		⅞ in.
Celeriac	¼ ounce		⅞ in.	Parsnip	½ ounce		½ to 1 in.
Celery	¼ ounce		⅞ in.	Peas	1 to 2 pints		2 to 3 in.
Chicory	¼ ounce		½ in.	Pepper	⅞ ounce		½ in.
Citron	1 ounce		1 to 2 in.	Potato, Irish	5 lbs.		4 in.
Collards	¼ ounce		½ in.	Potato, sweet	75 slips		3 in.
Corn Salad	2 ounces		½ to 1 in.	Pumpkin	½ ounce		1 to 2 in.
Corn, sweet	¼ pint		1 to 2 in.	Radish	1 ounce		½ to 1 in.
Cress, upland	½ ounce		½ to 1 in.	Rhubarb, seed	½ ounce		½ to 1 in.
Cucumber	½ ounce		1 in.	Rutabaga	¼ ounce		½ to 1 in.
Dandelion	¼ ounce		½ in.	Salsify	1 ounce		½ to 1 in.
Egg Plant	1/3 ounce		½ in.	Spinach	1 ounce		1 in.
Endive	1 ounce		½ in.	Squash, bush	½ ounce		1 to 2 in.
Horseradish	70 roots		3 to 4 in.	Tomato	⅞ ounce		½ to 1 in.
Kale, or Borecole	¼ ounce		½ in.	Turnip	½ ounce		¼ to ½ in.
Kohlrabi	¼ ounce		½ in.				

A Table Showing the Number of Pounds per Bushel, Quantity Usually Sown per Acre.

<i>Lbs. per bushel.</i>			<i>Quantity usually sown per acre.</i>	<i>Lbs. per bushel.</i>			<i>Quantity usually sown per acre.</i>
Barley, broadcast	48		2 to 3 bush.	Melon, Water, in hills			3 to 4 lbs.
Beans, dwarf, in hills	60		1½ bush.	Millet, broadcast	48		½ to ¾ bush.
Beans, pole, in hills	60		10 to 12 qts.	Millet, Japanese	32		20 lbs.
Beans, Soja, in drills	60		½ bush.	Oats, broadcast	32		2½ to 3 bush.
Beets, in drills			5 to 6 lbs.	Onion, in drills			5 to 6 lbs.
Beets, in drills, Mangel Wurtzel			4 to 5 lbs.	Onion, for sets, in drills			30 lbs.
Broom Corn, in hills	32		2 to 5 lbs.	Onion Sets, in drills			8 to 12 bush.
Buckwheat	48		1 bush.	Parsnip, in drills			4 to 6 lbs.
Cabbage, in beds, to transplant	50		¼-lb.	Peas, Green Wrinkled	56		1¼ to 1½ bush.
Carrots, in drills			3 to 4 lbs.	Peas, Cow	60		2 bush.
Clover, red	60		15 to 20 lbs.	Peas, Round hard, in drills	60		1½ bush.
Clover, white	60		12 to 15 lbs.	Peas, broadcast	60		3 bush.
Clover, Alsike	60		10 lbs.	Potatoes, cut tubers	60		9 to 12 bush.
Clover, Lucerne or Alfalfa	60		20 lbs.	Pumpkin, in hills			4 to 6 lbs.
Corn, in hills	56		8 to 12 qts.	Radish, in drills			8 to 10 lbs.
Corn, for soiling	56		3 to 4 bush.	Rape, Dwarf Essex	50		5 to 10 lbs.
Cucumber, in hills			2 lbs.	Rye, Spring, broadcast	56		1½ to 2 bush.
Flax, broadcast	56		1 bush.	Rye, Fall, broadcast	56		1½ to 2 bush.
Grass, Kentucky Blue	14		2 bush.	Sage, in drills			6 to 8 lbs.
Grass, Kentucky Blue, Fancy..	25		¾ to 1 bush.	Salsify, in drills			8 to 10 lbs.
Grass, Orchard	14		3 bush.	Spelt, Emmer	40		1½ to 2 bush.
Grass, English Rye	20		2 bush.	Spinach, in drills			10 to 15 lbs.
Grass, Sweet Vernal	12		1½ bush.	Squash (bush varieties), in hills			4 to 6 lbs.
Grass, Red Top, Chaff	14		1 to 2 bush.	Squash (running varieties) ...			3 to 4 lbs.
Grass, Red Top, Recleaned				Sudan Grass, in drills			20 lbs.
Fancy	35		½ to ¾ bush.	Sudan Grass, broadcast			6 to 8 lbs.
Grass, Rhode Island Bent	12		1 to 2 bush.	Sugar Cane			2 to 5 lbs.
Grass, Timothy or Herd's Grass	45		½ bush.	Tomato, to transplant			¼-lb.
Grass, Hungarian	48		½ to ¾ bush.	Turnip, in drills	50		1½ to 2 lbs.
Grass Mixed Lawn	18-25		3 to 4 bush.	Turnip, broadcast	50		¾ to 1½ lbs.
Hemp	40		1½ bush.	Wheat, Spring	60		2 bush.
Kale	50		5 lbs.	Wheat, broadcast, Winter	60		2 bush.
Mustard, broadcast	50		½ bush.	Vetch, Spring	60		2 bush.
Melon, Musk, in hills			2 to 3 lbs.	Vetch, Winter	60		1 bush.

The Number of Plants, Trees, etc., Required to Set an Acre.

<i>Distance.</i>	<i>Number.</i>	<i>Distance.</i>	<i>Number.</i>	<i>Distance.</i>	<i>Number.</i>
1 ft. by 1 ft.	43,560	3 ft. by 3 ft.	4,840	15 ft. by 15 ft.	194
1½ ft. by 1½ ft.	19,360	4 ft. by 4 ft.	2,722	18 ft. by 18 ft.	134
2 ft. by 2 ft.	10,890	5 ft. by 5 ft.	1,742	20 ft. by 20 ft.	105
2½ ft. by 2½ ft.	6,970	6 ft. by 6 ft.	1,210	25 ft. by 25 ft.	70
3 ft. by 1 ft.	14,520	9 ft. by 9 ft.	537	30 ft. by 30 ft.	40
3 ft. by 2 ft.	7,260	12 ft. by 12 ft.	302	40 ft. by 40 ft.	27

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